



Generalissimo Maximilian

THE LIFE OF THE GENERALISSIMO
 MAXIMILIAN

Translated by the Author

NARRATIVE
OF
TRAVELS AND DISCOVERIES
IN
NORTHERN AND CENTRAL AFRICA,

IN THE YEARS 1822, 1823, AND 1824,

BY
MAJOR DENHAM, F.R.S., CAPTAIN CLAPPERTON,
AND THE LATE DOCTOR OUDNEY,

EXTENDING ACROSS THE
GREAT DESERT TO THE TENTH DEGREE OF NORTHERN LATITUDE,
AND FROM KOUKA IN BORNOU, TO SACKATOO, THE
CAPITAL OF THE FULAH EMPIRE

SECOND EDITION

— — — — —
IN TWO VOLUMES

VOL. I

LONDON:
JOHN MURRAY, ALBEMARLE-STREET.

MDCCCXXVI.

LONDON :
PRINTED BY THOMAS DAVISON, WHITEFRIARS.

TO
THE RIGHT HONOURABLE
THE EARL BATHURST, K. G.
HIS MAJESTY'S PRINCIPAL SECRETARY OF STATE FOR THE COLONIES
THIS VOLUME,
CONTAINING
AN ACCOUNT OF THEIR DISCOVERIES
MADE UNDER THE AUSPICES OF HIS LORDSHIP,
IS INSCRIBED,
WITH THE GREATEST RESPECT AND GRATITUDE,
BY HIS OBLIGED AND FAITHFUL SERVANTS,
THE AUTHORS.

PREFACE.

By the death of Dr. Oudney, it has fallen to the lot of Captain Clapperton and myself to render an account to the public of our expedition into the interior and central parts of Northern Africa. The sudden departure of my surviving companion, on a second mission, has necessarily thrown the greater part of the burden on myself. I believe, however—for I have not seen any of his papers—that Captain Clapperton, during the lifetime of Dr. Oudney, made but few remarks himself beyond the construction of the chart of our route, from daily observations of the latitude, and of lunars for the longitude, whenever favourable opportunities occurred; but, subsequently to the death of his travelling companion, which happened at an early stage of their journey into Soudan, a journal of his proceedings and remarks appears to have been regularly kept; and this, together with other documents connected with that journey, were

left at his departure in the hands of Mr. Barrow, with a request that he would see them through the press.

It may naturally enough be asked, Why something more than a short excursion to the westward of Mourzuk, and a few notes, do not appear from the pen of Dr. Oudney in the present work? I can only answer the question by the fact, that the only papers placed in my hands consist of "An Itinerary from Mourzuk to Bornou," and "An Excursion to the Westward of Mourzuk;" neither of which have been deemed fit for publication *in extenso*, from their imperfect state, and containing very little beyond what will be found in my own journals. I have, however, printed in foot notes such parts of them as have been pointed out to me. Not a paper of his, to my knowledge, has been lost or destroyed; and I can only account for the unsatisfactory state in which they have been found, from the circumstance of his ill health, which became extremely precarious from the moment of our departure from Mourzuk, where he had caught a cold, which settled on his lungs, and never left him. On our arrival at Kouka, and frequently afterwards, he experienced so many attacks

of fever, that there appeared little hope of his surviving to return to England, which was indeed his own opinion ; and when he set out on his last journey towards Soudan, he was so exhausted, and in a state so unfit for such an undertaking, that he fell a martyr to his zeal very soon after his departure, though, had he remained at Kouka, the melancholy event would not, in all probability, have been prolonged many days.

My own expeditions in various parts of Bornou, in Mandara, and Loggun, and the two fruitless attempts I made to complete the tour of the great lake Tchad, will be found to occupy a considerable portion of the work ; and being made in countries, and among a people unknown to Europeans,—many of them even by name or report,—it is hoped that observations, faithfully and circumstantially minuted down at the time and spot, will not be found tedious or uninteresting to the reader.

It will, perhaps, be thought by some, that I have been more minute than necessary in the account of our journey across that tremendous desert which lies between Mourzuk and Bornou, and which, generally

speaking, is made up of dark frowning hills of naked rock, or interminable plains, strewed in some places with fragments of stone and pebbles, in others of one vast level surface of sand, and, in others again, the same material rising into immense mounds, altering their form and position according to the strength and direction of the winds. But, even in the midst of this dreary waste, towns, villages, wandering tribes, and kafilas, or caravans, sometimes occur to break the solitude of this dismal belt, which seems to stretch across Northern Africa, and, on many parts of which, not a living creature, even an insect, enlivens the scene. Still, however, the halting places at the wells, and the wadeys or valleys, afford an endless source of amusement to the traveller, in witnessing the manners, and listening to the conversation, of the various tribes of natives, who, by their singing and dancing, their story telling, their quarrelling and fighting, make him forget, for a time, the ennui and fatigue of the day's journey.

As for the rest, I have to trust to its novelty, for its recommendation to the public, rather than to any powers of writing, which I pretend not to possess; and it is now a source of great satisfaction to me

that, under all my difficulties, and they were not few, I was able to adhere to the resolution I set out with, of recording, at the end of each day, the occurrences, however trifling, that had taken place.

Although we have not been able to solve that interesting problem, to which the discovery of the enterprising Mungo Park gave rise, I hope I may be allowed to say that we have very considerably enlarged the boundaries of our geographical knowledge of central Africa. The limit of Captain Lyon's travels to the southward was Tegerhy, in lat. 24° N.; ours reached to Musfeia, in lat. $9^{\circ} 15'$ N.; being an addition of $14\frac{3}{4}$ degrees, or nearly 900 geographical miles of latitude to our former knowledge. It is undoubtedly true that Hornemann crossed the great desert before us, and proceeded as far south as Nyffé, supposed to be about the lat. $10\frac{1}{2}^{\circ}$, but no record whatever has been preserved of his journey; and the desert and all beyond it may therefore fairly be said to have been to us new ground.

Then as to longitude: Park, proceeding westerly, about the parallel of 15° or 16° , reached Silla in long. $1^{\circ} 34'$ west; our discoveries, in a somewhat

lower parallel, reached from Tangalia in long. 17° east, to Sackatoo in long. $5\frac{1}{2}^{\circ}$ east, being $11\frac{1}{2}$ degrees, or nearly 700 geographical miles of longitude. The intermediate space, therefore, between Silla and Sackatoo, being about seven degrees of longitude, or 400 miles, is only wanting to complete our knowledge of the central part of Africa, or Soudan, from the shores of the Atlantic to the eastern shores of the lake Tchad.

We might have swelled the volumes which describe our labours by a great number of reports from Arabs and Moors, concerning the course and termination of the river Kowara, to which modern geographers have been pleased to give the name of Niger, and also of the continuation, or otherwise, of the waters of the Tchad ; but many of these were so vague and contradictory, and others so obviously impossible, that it was deemed best to omit such at least as had not the appearance even of plausible probability. If the present mission, under my late travelling companion Clapperton, should happily succeed in reaching the dominions of the sultan Bello from the Bight of Benin, the problem of the Niger at least will no longer remain a speculation ; and as it appears that

the sheikh of Bornou *, since our departure, has, for a time at least, completely subdued the Begharmis, there is a hope that the present travellers may find the means of penetrating, to a certain distance, the country to the eastward of the T'chad, and thus be enabled to determine the other point in dispute.

To Sir Robert Ker Porter, my friend since the days of boyhood, I am indebted for having perfected several drawings, with his experienced pencil, from my hasty, but yet faithful sketches, of the people and scenery of Central Africa. His eye was nearly as familiar as my own with the picturesque objects they display ; and, indeed, all who are acquainted with the published narrative of his Researches amongst the Remains of Ancient Persia and Babylonia might readily recognise the same hand, in these his spirited delineations of African costume and character.

DIXON DENHAM.

ALBANY, LONDON,
Jan. 1st. 1826.

* See his Letter in the Appendix.

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INTRODUCTORY CHAPTER.

BY MAJOR DENHAM.

FROM TRIPOLI TO MOURZUK.

PREVIOUS to any knowledge I had received of the intentions of His Majesty's government to follow up the mission of Mr. Ritchie and Captain Lyon, I had volunteered my services to Lord Bathurst to proceed to Timbuctoo, by nearly the same route which Major Laing is now pursuing. I learnt, in reply, that an expedition had been planned, and that Doctor Oudney and Lieutenant Clapperton, both of the navy, were appointed ; and with these gentlemen, by the kindness of Lord Bathurst, I was, at my request, associated. My companions left London before me ; but, as soon as ready, I lost no time in proceeding in the packet to Malta, where I found that they had left the island for Tripoli nearly a month before. By the kindness of Admiral Sir Graham Moore, Sir Manley Power, Sir Richard Plasket, and Captain Woolley, commissioner of the dock-yard, all my wants were amply supplied ; and judging that the assistance of a shipwright or carpenter might prove of essential use, and being allowed by my instructions to engage any one, at a reasonable salary, who might choose to volunteer to accompany the mission, William Hillman, shipwright, a man of excellent character, immediately offered his services, on an agreement that he should receive 120*l.* a year so long as he should continue to be employed.

I embarked in the Express schooner, which the admiral lent me for the purpose, and, on the 18th November, after three days' sail, arrived at Tripoli, and found my two companions at the house of Mr. Consul Warrington, anxiously expecting my arrival. Of this gentleman it is not too much to say, that by his cheerful and good humoured disposition, his zeal, perseverance, and extraordinary good management, we owe, in a great degree, that influence which England possesses with this government far beyond that of any other of the Barbary powers. The English name, in fact, is of such importance in Tripoli, that there is scarcely a point to carry, or a dispute to settle, in which the bashaw does not request the interference of the British consul ; and to him, indeed, is, in a great degree, owing the origin and success of the late mission. He stated broadly to the government at home, that the road from Tripoli to Bornou was as open as that from London to Edinburgh ; which, with a small allowance for Oriental hyperbole, was found to be true—witness the journey of my lamented friend Toole, and also of Mr. Tyrwhitt, the latter laden with valuable presents.

But this is not all : the British flag has a peculiar power of protection, and the roof of the English consul always affords a sanctuary to the perpetrator of any crime, not even excepting murder ; and scarcely a day passes that some persecuted Jew or unhappy slave, to escape the bastinado, does not rush into the court-yard of the British consulate for protection. A circumstance occurred in returning from one of our excursions, which shows in what high estimation the English character is held in Tripoli. A poor wretch, who, for some trifling offence, was sentenced to five hundred bastinadoes, having, while on his way to receive the sentence of the law, contrived to slip from the custody of his guards, fortunately met with the child and servant of Doctor Dickson, a most respectable and intelligent English physician practising in Tripoli : the condemned wretch, with wonderful presence of mind, snatched up the child in his arms, and halted boldly

before his pursuers. The talisman was sufficiently powerful: the emblem of innocence befriended the guilty, and the culprit walked on uninterrupted, triumphantly claiming the protection of the British flag.

But the following proves still more strongly to what extent the influence of the British flag might be carried.— Since the reduction of the refractory Arabs to submission, no chief had received such repeated marks of kindness and attention from the bashaw as sheikh Belgassam ben Khalifa, head of the powerful tribe of El Gibel. At the particular request of the former, sheikh Khalifa had quitted his tents and flocks, resided in the city, and was high in his prince's confidence—fatal pre-eminence in Barbary states!—and had been presented, but a few months before, with one of the most beautiful gardens in the Minshea. Returning from the castle after an evening of music and dancing in the bashaw's private apartments, Belgassam kissed the hand that had signed his death-warrant, and took his leave. At his own door a pistol-shot wounded him in the arm, and on entering the skiffa, or passage, a second entered his body. The old sheikh, after his slave had fastened the door, staggered to his carpet, and then, in the arms of his wife, proclaimed his assassin to be his own nephew, sheikh Mahmoud Belgassam Wildé Sowdoweah. The work being, however, but half done, others rushed in, and seven stabs put an end to his sufferings, notwithstanding the screams of his wife, who received two wounds herself, in endeavouring to save her husband. The poor old man was almost instantly buried, and the three persons who had undertaken the murder fled to the British consulate for protection. Early the next morning, however, the consul despatched his dragoman to give the bashaw notice, “that the murderers of Khalifa would find no protection under the flag of England.” The bashaw said, “he was shocked at the murder, and regretted the assassins having taken refuge in the consulate, as it was a sanctuary he could not violate, particularly as he understood they meant to resist, and were well armed.” Our

consul replied, "that the bashaw was at liberty to send any force he pleased, and use any means he thought best, to drag them from beneath a banner that never was disgraced by giving protection to assassins." The minister also came and expressed the bashaw's delicacy; and it was evident he did not expect such would be the conduct of the consul: he was, however, peremptory, and the bashaw dared not seem to favour such an act of villany. It was sunset before he decided on taking them away, when about sixteen of the chosen people of the castle entered the consulate, and the wretches, although provided with arms, which they had loaded, tremblingly resigned themselves, and were, in less than an hour, hanging over the walls of the castle.

On a day appointed we waited on the bashaw. After passing the court-yard, crowded with guards, and several groups of Arabs in the passages and ante-rooms playing at cards or dice, we were introduced to the audience chamber, where the bashaw, sitting cross-legged on a carpet, supported by his two sons, and attended by armed negroes, received us kindly, ordered us to be served with sherbet and coffee, and expressed himself in the most favourable manner on the subject of our mission, which he promised to forward in safety into the interior of Africa. He invited us to join him in a hawking party. The cavalcade, consisting of about three hundred, altogether presented so novel an appearance, that I shall endeavour to give some description of our morning's amusement. The bashaw was mounted on a milk-white Arabian, superbly caparisoned, with saddle of crimson velvet richly studded with gold nails, heavy stirrups of the same, and trappings of embroidered cloth hanging down on each side nearly to the horse's fetlock joint; he was preceded by six *chaoushs*, or officers, also mounted and richly caparisoned, armed with long guns, swords, and pistols, and a white silk barracan thrown loosely and gracefully round their bodies. His highness was supported on each side by a favourite black slave, whose glittering vest, light bornouse, and white turban, formed a pleasing con-

trast to the costume of the Arabs. We proceeded in a westerly direction; and on arriving at the desert, parties of six and eight dashed forward, with the rapidity of lightning, several hundred paces, fired, immediately halted in a most surprising manner, and with loud cries rushed back again to the main body, when instantly the same ceremony was repeated by another party. Their superior skill in the management of their horses is really beautiful; and the way they manœuvre their long musket, by repeatedly spinning it over their heads at full speed, has a most picturesque effect. Near the bashaw's person rode Sidy Ali, his third son, although second in succession, in consequence of the banishment of the eldest; he also was attended by his particular guard of Arabs, distinguished not only by their superior and determined appearance, but by their figured muslin bornouses. Sidy Ali is the bashaw's favourite son, and is particularly handsome, although what we should call too fat, and is said to resemble very much what the bashaw was at his age: he is allowed great privilege and liberty, which is indeed proved by his saying, the other day, to his father, "I shall succeed you as bashaw." "How do you mean?" "How? why, by taking the same steps you did yourself," said the youth*.

I was invited, with my colleagues, to pass a day about five miles from Tripoli, at the garden of Mahomed D'Ghies, to whom I brought letters from his son, who was residing in London, much noticed and respected. This old gentleman had been minister for foreign affairs to the bashaw, but had retired from office some time, on account of a complaint in his eyes. He is a most respectable man, and particularly kind to all European travellers who visit Tripoli; and so well known throughout Northern Africa, that letters of credit from him are sure to be duly honoured. Nothing could exceed the hospitality and attention with which we were received: having regaled ourselves with sherbet, coffee, and tobacco, several times in the course of the day, and

* Vide Tully's Letters on Tripoli.

partaken of an excellent dinner, *à la Turque*, in a grove of lemon and orange trees, we returned in the evening to Tripoli, well pleased with our day's excursion.

Tripoli has been so often described, that I shall pass it over in silence. Its Jews, its Arabs, its Moors, and Maraboos; the slave population, and the bashaw's family; are all so well painted to the life in "Tully's Letters," as to require no further notice from me as a casual visitor. Neither is it my intention to enter into a minute description of the country between Tripoli and Mourzuk; the surface of which is not essentially different from that between Mourzuk and Bornou, and has already been noticed by Captain Lyon, and in the communications to the African Association.

On the 5th March, 1822, I left Tripoli for Benioloed*,

* Benioloed, a rich valley, bounded on all sides by whitish brown hills, capped in many places with green stone and amygdaloid, or vesicular lava, rugged villages, and ruinous castles, on every point, some overtopping the columnar green stone, and scarcely distinguishable from it.

The hills possess a very interesting structure. The height does not exceed 400 feet, and limestone is the prevailing rock. On the north side the whole of the range, till within a mile of the western extremity, is limestone: at that point above the limestone is a thick bed of columnar green stone, with thick layers of vesicular lava.

On the southern side, most of the hills have their tops covered with lava and columnar green stone, and have a structure similar to that of the one I have delineated. A little difference is here and there observable, but not so much as to be worthy of notice. The tops of the hills on this side form an extensive, black, dreary-looking plain, strewed over with loose stones, extending eastwardly as far as the eye can discern. The upper, or, as I would call it, the lavaceous crust, appears as if a layer left by a flowing fluid, and therefore of more recent formation than the rock on which it rests. This is seldom more than a few feet in thickness, and spread over the subjacent rock.

The rocks dip in various directions, but generally at an angle of 18° .

The Jibel Gulat is one of the highest hills we have yet come to. It is about six hundred feet high: its top is tabular, and its sides exceedingly rugged, from an amazing number of detached pieces. The lowest exposed stratum is a calcareous tufa, containing, or indeed almost formed of sea-shells; the most abundant are a species of oyster

to join my two companions, who had proceeded thither with our servants, horses, camels, and baggage. They had gone on to Memoon, a very pretty valley, which, at this season of the year, was green with herbage, and adorned by flowers of

and limpet, in a very entire state. Above, beds of soft carbonate of lime, like whiting, and falling into dust on the slightest touch, and in which is imbedded a large quantity of lamellar calcareous spar. Above, and apparently extending to the summit, tolerably fine marble. The quantity of debris, and the size and appearance of the masses, might make one believe than an earthquake had been the cause of that rent state; but it appears to me more probable that the undermining, by the mouldering of the soft stratum underneath, accounts well for the state and appearance of the side of the hill. The hill is about three miles long, and runs from east to west. It is inhabited by a solitary family; a man, his wife, and several children. We were told that he had resided in this dreary and barren place for eleven years, and it is said lives chiefly by plunder.

Near Niffud, the hills are of lime, and in structure and form not unlike those of the Tarhona range.

In the vicinity of the long range there are a number of small conical hills, of a soft whiting-like substance, appearing as if recently thrown up, although, from every thing around, that is not at all probable. The range runs parallel to that near the coast; but we had no opportunity of determining how far it extends to the eastward and westward. There are several passes, into one of which we entered. It is rugged, from the number of masses that have fallen from the sides of the hills. Several tumuli of stones are observable, marking the burial-places of unfortunate travellers, who have been murdered here, it was said, by large rocks rolled from the overhanging heights. When I was examining the rocks, in the dry bed of a river, these monuments were pointed out, to make me aware my presence there was not free from danger. This led to a valley, with some thick groves of acacias, and a plant like a mespilus, with pleasant small astringent berries: it is called by the natives butomo. From this we passed over a low hill, into the valley Niffud. This valley has been the seat of much fighting, as our conductors informed us, among the Arabs of different tribes.

We left the valley, by a pass to the southward, and entered an extensive plain, named Ambulum: in this we travelled the whole day. The surface, in some places, a firm sand, with here and there rocky eminences, and patches of gravel: the latter was fine, and mixed with fragments of shells. Often, for a considerable extent, not the least

various hues and colours, richly scattered in beautiful disorder;—but it was the last of the kind we were fortunate enough to meet with between this place and Bornou; and here the consul and his son, who had accompanied us from

vestige of vegetation; and in no place was the ground completely covered, except in a few small oases, where there was a species of grass, of the genus *festuca*. The *feniculum duter*, and a beautiful *genista*, which extends all the way from the coast, were common. The *abutum* occurred in abundance, and its shade was a defence to us at times. We found some beautiful fragments of striped jasper, and some small pieces of cornelian.

Bonjem.—We had no opportunity of examining any of these; but from the strewed masses they appear to be limestone. The wadey of Bonjem has characters different from any of the other valleys we have passed through. The valley is strewed over with gypsum in different states, with numerous shells, of the genus *pecten*, and several *terebrellæ*. There are here and there sand, and many incrustations of the carbonate, mixed with crystals of the sulphate, of lime, that gives to the surface a shining white appearance, which, in place of being pleasing, is disagreeable, by the power of the reflected light. There are small ranges of low hills, composed of soft white chalk (whiting), covered with a crust of gypsum. In this structure we found one large pit, about forty feet deep, and nearly as much in diameter. These low hills are bounded by much higher, and of a dark brown colour: the low hills are numerous, some are separate, but in general they are in short ridges, and have, at a distance, very much the appearance of fortifications. A small *senecio*, a *geranium*, and a *statice*, were the principal beings of the vegetable creation. Barometer 30.020. temperature 72.

Near the wells, the *arundo phragmites* grows in abundance; it has long creeping roots, the first true roots of that kind I have ever seen in North Africa. Plants of this kind would soon make considerable encroachments on the desert, and render habitable where it is difficult even to travel over. This quarter is poor in the grasses, for I think I have not seen above eight different kinds. Our course was among sand-hills, and over a gravelly road, strewed with masses of common opal, with small portions of botroidal iron ore, and thick layers of gypsum, with their edges appearing above ground. The low hills presented the same features as those near which we remained in the wadey: one, detached on the road, had a curious appearance, and was called, by the natives, “The Bowl of Bazcen.” It is about forty feet high, and

Tripoli, took their leave, with many hearty good wishes for our success and prosperity.

On the day previous to our approach to Sockna, a town about half way between Tripoli and Mourzuk, which we reached in fourteen days, the uniformity of the journey was somewhat enlivened, by meeting with a *kafila* of slaves, from Fezzan, in which were about seventy negresses, much better looking, and more healthy, than any we had seen near the sea-coast. They were marching in parties of fifteen or twenty; and on our inquiring of one of those parties from whence they came, the poor things divided themselves with the greatest simplicity, and answered, "Soudan, Begharmi, and Kanem," pointing out the different parcels, from each country, as they spoke: those from Soudan had the most regular features, and an expression of countenance particularly pleasing.

Passing a small wadey and plantation of date trees, we had soon a view of Sockna, and were met on the plain, on which it stands, by the governor and principal inhabitants, accompanied by some hundreds of the country people, who all crowded round our horses, kissing our hands, and welcoming us with every appearance of sincerity and satisfaction; and in this way we entered the town: the words "Inglesi! Inglesi!" were repeated by a hundred voices from the crowd. This, to us, was highly satisfactory, as we were the first English travellers in Africa who had resisted the persuasion that a disguise was necessary, and who had determined to travel in our real character as Britons and Christians, and to wear, on all occasions, our English dresses; nor had we, at any future period, occasion to regret that we had done so. There was here no jealousy,

formed above of a calcarous crust, with sulphate of lime, and below of soft chalk.

The higher ridge was observable on each side of us, running south-south-east on the east side, and south-south-west on the west: some of those to the westward have detached hills, and one has the name of the "Salt Hill." W. O.

nor distrust of us as Christians; on the contrary, I am perfectly satisfied that our reception would have been less friendly had we assumed a character that could have been at best but ill supported. In trying to make ourselves appear as Mussulmans, we should have been set down as real impostors.

The dates of Sockna are excellent, and in abundance: our animals were liberally supplied with this fruit of fruits; and after the first two days appeared to eat them nearly as well as corn. The population of Sockna must be considerably more than three thousand. The town is walled, and about a mile in circumference: has eight gates; and wears altogether a clean and neat appearance that surprised us. The women are certainly very pretty, and are said to be remarkable for their love of intrigue. This may be true, or not; but we had no opportunity of ascertaining it from our own knowledge. Of their affability and good humour, however, we had many proofs; and while only two of us were walking through the town one morning, with a little army of ragged boys following us, two, of rather the better order, quickly dispersed them; and invited us to enter a house, saying that a *mara zene* (a beautiful woman) wished to see us. We put ourselves under their guidance, and entering a better sort of dwelling-house, were quickly surrounded by at least half-a-dozen ladies, most of them aged; but who asked us a thousand questions, and, when satisfied we were not dangerous, called several younger ones, who appeared to be but waiting for permission to appear. Our dresses and ourselves were then minutely examined. The yellow buttons on our waistcoats, and our watches, created the greatest astonishment; and a pair of loose white trousers that I wore, into the pockets of which I accidentally put my hands, raised their curiosity to a wonderful degree: my hands were pulled out, and those of three or four of the ladies thrust in, in their stead: these were replaced by others, all demanding their use so loudly and violently, that I had considerable difficulty in extricating myself, and was glad to

make my escape. The dress of the Sockna women is nearly that of the Tripoline: they wear striped shirts, of silk or linen, large silver ear-rings, with leg-lets and arm-lets of the same: the lower classes wear those of glass or horn.

The remaining half of our journey to Mourzuk was over pretty nearly the same kind of surface as that we had passed before; in some places worse. Sometimes two, and once three days, we were without finding a supply of water; which was generally muddy, bitter, or brackish; nor is this the worst that sometimes befalls the traveller. The overpowering effect of a sudden sand-wind, when nearly at the close of the desert, often destroys a whole kafila, already weakened by fatigue; and the spot was pointed out to us, strewed with bones and dried carcasses, where the year before fifty sheep, two camels, and two men, perished from thirst and fatigue, when within eight hours' march of the well which we were anxiously looking out for.

Indeed the sand-storm we had the misfortune to encounter in crossing the desert gave us a pretty correct idea of the dreaded effects of these hurricanes. The wind raised the fine sand with which the extensive desert was covered, so as to fill the atmosphere, and render the immense space before us impenetrable to the eye beyond a few yards. The sun and clouds were entirely obscured, and a suffocating and oppressive weight accompanied the flakes and masses of sand, which, I had almost said, we had to penetrate at every step. At times we completely lost sight of the camels, though only a few yards before us. The horses hung their tongues out of their mouths, and refused to face the torrents of sand. A sheep, that accompanied the kafila, the last of our stock, lay down on the road, and we were obliged to kill him, and throw the carcass on a camel. A parching thirst oppressed us, which nothing alleviated. We had made but little way by three o'clock in the afternoon, when the wind got round to the eastward, and refreshed us something: with this change we moved on until about five, when we halted, protected a little by three several ranges of irre-

gular hills, some conical, and some table-topped. As we had but little wood, our fare was confined to tea; and we hoped to find relief from our fatigues by a sound sleep. That was, however, denied us; the tent had been imprudently pitched, and was exposed to the east wind, which blew a hurricane during the night: the tent was blown down, and the whole detachment were employed a full hour in getting it up again; and our bedding and every thing within it was, during that time, completely buried by the constant driving of the sand. I was obliged, three times during the night, to get up for the purpose of strengthening the pegs; and when, in the morning, I awoke, two hillocks of sand were formed on each side of my head, some inches high.

On the 7th April we arrived at a village in the midst of a vast multitude of palm trees, just one day's journey short of Mourzuk. As it was to be the last day's march, we were all in good spirits at the prospect of rest; and had we made our arrangements with judgment, every thing would have gone on well. We had, however, neglected sending on to advise the sultan of our arrival—a constant practice, and consequently our reception was not what it ought to have been. We arrived at D'leem, a small plantation of date trees, at noon, and finding no water in the well, were obliged to proceed; and it was three in the afternoon before we arrived at the wells near Mourzuk. Here we were obliged to wait until the camels came up, in order that we might advance in form. We might, however, have saved ourselves the trouble:—no one came out to meet us, except some naked boys, and a mixture of Tibboos, Tuaricks, and Fezzanese, who gazed at us with astonishment, and no very pleasant aspect.

We determined on not entering the town in a manner so little flattering to those whom we represented; and retiring to a rising ground, a little distance from the gates of the town, waited the return of a chaoush, who had been despatched to announce our arrival. After half an hour's

delay, the sheikh El Blad (the governor of the town) came out, and, in the sultan's name, requested we would accompany him to the house which had been prepared for us; and he added, to our great surprise, the English consul is there already. The fact was, a very ill-looking Jew servant of mine, mounted on a white mule, with a pair of small canteens under him, had preceded the camels, and entered the town by himself: he was received with great respect by all the inhabitants—conducted through the streets to the house which was destined to receive us; and from the circumstance of the canteens being all covered with small brass shining nails, a very high idea of his consequence was formed. He very sensibly received all their attentions in silence, and drank the cool water and milk which was handed to him; and we always had the laugh against them afterwards, for having shown so much civility to an Israelite—a race they heartily despise. “We thought the English,” said they, “were better looking than Jews—Death to their race! but then God made us all, though not all handsome like Mussulmans, so who could tell?” As we were all this time exposed to a burning sun, we were well inclined to compromise a little of our dignity, and determined on entering the town, which we did by the principal gate. The walls are well built, at least twenty feet high; and the gate sufficiently wide to admit, with ease, a loaded camel. You pass through the *fsug*, slave-market, a wide street, with houses on each side, three hundred yards in length. It leads into an open space, in the centre of which the castle stands, surrounded by a second wall. In the inside of this inner wall, in the castle yard, are a few houses, originally built for the Mamelukes, and particular followers of the late sultan, when they were subject to the occasional attacks of the Arabs. In one of these, the house occupied by the late Mr. Ritchie and Captain Lyon, arrangements were made for our reception. Almost as soon as the camels were unloaded, we paid our respects to the sultan: he received

us with a great deal of affability and good nature, and made an impression in his favour, which, however, his subsequent conduct tended but little to strengthen.

Our interview with the sultan of Mourzuk was any thing but encouraging : he told us that there was no intention, as we had been led to expect, of any expedition to proceed to the southward for some time to come ; that an army could only move in the spring of the year ; that the arrangements for moving a body of men through a country where every necessary must be carried on camels, both for men and horses, were so numerous, that before the following spring it was scarcely possible to complete them : that two camels were required for every man and horse, and one for every two men on foot. And as to our proceeding to Bornou, it would be necessary, had the bashaw instructed him to forward us, that we should be accompanied by an escort of two hundred men. He said he would read to us the bashaw's letter, and we should see the extent to which he could forward our wishes. The letter was then handed to his *fighi*, or secretary ; and we found that to the protection of the sultan of Fezzan were we intrusted, who was to charge himself with our safety, and so insure our being treated with respect and attention by all his subjects ; that we were to reside at Sebha, or Mourzuk, or where we chose in the kingdom of Fezzan, and to await his return from Tripoli. With this our audience ended, and we returned to our habitation.

It is quite impossible to express the disheartening feelings with which we left the castle. The heat was intense ; the thermometer at 97° in the coolest spot in the house, during the middle of the day ; and the nights were scarcely less oppressive : the flies were in such myriads, that darkness was the only refuge from their annoyance. All poor Mr. Ritchie's sufferings and disappointments were brought to our recollections ; and although, from the arrangements which we had been able to make, we were better provided

with necessaries than those who had gone before us,—yet did we consider our stock as a very sacred charge, applicable only to the grand objects of our expedition.

We received visits from all the principal people of Mourzuk the day after our arrival; and remarking a very tall Tuarick, with a pair of expressive, large, benevolent-looking eyes, above the black mask with which they always cover the lower part of their face, hovering about the door, I made signs to him to come near, and inquired after Hatecta, the chief Captain Lyon had spoken so highly of, and for whom, at his request, I was the bearer of a sword. To my great surprise, striking his breast, he exclaimed, “I am Hatecta! are you a countryman of Said *?—how is he? I have often longed to hear of him.” I found Hatecta had been but once in Mourzuk since Captain Lyon’s departure, and was now only to remain a few days. On the following morning he came to the house, and the sword was presented to him. It would be difficult to describe his delight; he drew the sword and returned it, repeatedly; pressed it to his breast, exclaimed “Allah, Allah!” took my hand, and pressing it, said “*Katar heyrick yassar yassar*” (thank you very very much); nearly all the Arabic he could speak. It was shortly reported all over the whole town, that Hatecta had received a present from Said, worth one hundred dollars.

12th.—We had been several times visited, and our hopes and spirits raised, by a person called Boo-Bucker Boo-Khaloom. He said that it was in the sultan’s power to send us on to Bornou if he pleased; he even hinted that a bribe for himself might induce him to do so—this, however, we found was not the case. Boo-Khaloom was represented to us, and truly, as a merchant of very considerable riches and influence in the interior. He was on the eve of starting for Tripoli, with really superb presents for the bashaw. He had five hundred slaves, the handsomest that could be procured, besides other things. He stated to us, secretly, that

* Captain Lyon’s travelling name.

his principal object in going to Tripoli was to obtain the removal of the present sultan of Fezzan; and wished that we should make application to the bashaw for him to accompany us farther into the interior: we were not, however, to hint that the proposition had come from him. Boo-Khaloom said that he should be instantly joined by upwards of one hundred merchants who waited but for his going, and no further escort would be necessary; that he should merely remain a few weeks in Tripoli, and, on his return, we could instantly move on. The substance of all these conversations was transmitted to Colonel Warrington.

Boo-Khaloom left Mourzuk for Tripoli, with his slaves and presents, loading upwards of thirty camels, apparently reconciled to, and upon good terms with, the sultan. It was, however, very well known that Sultan Mustapha had set every engine at work to have Boo-Khaloom's head taken off on his arrival in Tripoli; and that the other was willing to sacrifice all he was worth to displace and ruin Mustapha in the bashaw's favour.

It was not till the 18th, that the sultan, after attending the mosque, started for Tripoli; all his camels and suite had marched in divisions, for three days previous,—in slaves he had alone more than one thousand five hundred. He was attended by about ten horsemen, his particular favourites, and four flags were carried before him through the town. The inhabitants complained dreadfully of his avarice, and declared that he had not left a dollar, or an animal worth one, in all Fezzan.

Nothing was now to be done but to make our arrangements for a favourable start the following spring. By the sultan's departure, every necessary for our proceeding was withdrawn from the spot where we were. Not a camel was to be procured, and every dollar, that he could by any means force from his subjects, was forwarded to Tripoli. To Tripoli, therefore, were we to look for supplies of every kind; and it was decided by us all, that my departure had better follow his as soon as possible.

In pursuance of our determination to represent to the bashaw of Tripoli how necessary it was that something more than promises should be given us for our sterling money, on Monday, the 20th May, I left Mourzuk, with only my own negro servant Barca, three camels, and two Arabs; and, after a most dreary journey of twenty days, over the same uninteresting country I had already traversed,—the more dreary for want of my former companions,—I arrived at Tripoli on the 12th June, where I was received by the consul with his usual hospitality and kindness, and he assigned me apartments in the consulate.

12th.—I requested an immediate audience of the bashaw, which in consequence of the Rhamadan was not granted me until the following evening. The consul, Captain Smyth of the navy, and myself, attended: I represented, in the strongest terms, how greatly we were disappointed at the unexpected and ruinous delay we had experienced in Mourzuk, and requested a specific time being fixed for our proceeding to Bornou; stating, also, that were the answer not satisfactory, I should proceed forthwith to England, and represent to the government how grievously we had been deceived. The bashaw denied having intentionally broken his word, and solemnly declared that the will of God, in visiting the sultan of Fezzan with sickness, had alone prevented our being now on the road to Bornou.

A voyage to Marseilles, on my way to England, was the consequence of our altercation with the bashaw; and the promptitude with which it was decided upon, and carried into effect, by means of a small French vessel which, at the time, most fortunately lay in the harbour, was not without its good effects. The bashaw sent three despatches after me, by three different vessels, to Leghorn, Malta, and the port I had sailed to, which I received in quarantine, informing me, that Boo-Khaloom was appointed with an escort to convey us forthwith to Bornou. This was every thing I wished for; and immediately re-embarking, a seven days'

passage brought me once more to the shores of Barbary. Boo-Khaloom and part of the escort were already at the entrance to the desert; and on the 17th of September we re-entered the pass of Melghra in the Tarhona mountains. Hope and confidence had taken possession of my mind, in the place of anxiety and disappointment; there was now an air of assurance and success in all our arrangements; and I felt my health and spirits increase with this conviction. But little beyond the casualties attendant on desert travelling occurred, previous to our arriving again at Sockna, which we did on the 2d of October.

I found the great failing of my friend, Boo-Khaloom, was pomp and show; and feeling that he was, on this occasion, the bashaw's representative, he was evidently unwilling that any sultan of Fezzan should exceed him in magnificence. On entering Sockna, his six principal followers, handsomely attired in turbans and fine barracans, and mounted on his best horses, kept near his person, whilst the others, at a little distance, formed the flanks. I rode on his right hand, dressed in my British uniform, with loose Turkish trowsers, a red turban, red boots, with a white bornouse over all, as a shade from the sun; and this, though not strictly according to order, was by no means an unbecoming dress. Boo-Khaloom was mounted on a beautiful white Tunisian horse, a present from the bashaw, the peak and rear of the saddle covered with gold, and his housings were of scarlet cloth, with a border of gold six inches broad. His dress consisted of red boots, richly embroidered with gold, yellow silk trowsers, a crimson velvet caftan with gold buttons, a silk benise of sky blue, and a silk sidria underneath: a transparent white silk barracan was thrown lightly over this, and on his shoulders hung a scarlet bornouse with wide gold lace, a present also from the bashaw, which had cost, at least, four hundred dollars; a cashmere shawl turban crowned the whole. In this splendid array, we moved on until, as we approached the gates of the town, the dancing and singing

men and women met us ; and amidst these, the shouts and firing of the men, who skirmished before us, and the “ loo ! loo ! ” of the women, we entered Sockna.

We found that houses were provided for us in the town ; but the *kafila* bivouacked outside the gates. It had always been our intention to halt at Sockna, for three or four days ; and here we expected to be joined by a party of the *Megarha* Arabs, whom their sheikh, *Abdi Smud ben Erhoma*, had left us, for the purpose of collecting together. *Hoon* and *Wadan* were also to furnish us with another quota. My house consisted of a court-yard eighteen feet square, and a small dark room, leading out of it by two steps : the court, however, was the greater part of the day shaded ; and here, on a carpet, I received my visitors. The Arabs, as they arrived, were all sent to me by *Boo-Khaloom* ; and their presentation has a form in it, not much in character with their accustomed rudeness : they all came armed with their long guns ; and the same girdle which confines their barracan contains also two long pistols. The chief enters, and salutes, dropping on one knee, and touching the stranger's right hand with his, which he carries afterwards to his lips ; he then says, “ Here are my men, who are come to say health to you.” On receiving permission, they approached me, one by one, saluting in the same manner as their chief, who continued to remain at my side : they then sat down, forming a sort of semicircle round me, with their guns upright between their knees ; and, after a little time, on the sheikh making a signal, they all quitted the presence.

Boo-Khaloom, who had suffered very considerably from fever, cold, and ague, now became so seriously ill, that our departure was of necessity postponed, and he insisted upon my prescribing for him, saying, “ he was quite sure that I could cure him, if it was the will of God that he should live : if not, that nobody could.” His confidence in me gave me some confidence in myself : but alone, with very few medicines, and less skill, my situation was really one of great anxiety ; for no one could foresee what might have

been the consequence, had any thing serious happened to him while under my hands. He became alarmingly ill, and for two days and nights I had great doubts of his recovery ; to my great satisfaction, however, on the third morning, after a night of pain and delirium (and which I had passed in watching by his side), a violent eruption appeared on his skin, with some little moisture, produced by covering him up the whole day with blankets, and suffering no one to come into the room but his favourite female slave. By the evening, he became much better.—Hajamad, or charms, are what the Arabs have most faith in, when they are ill. All the *fighis* (writers) and marabouts in Sockna were employed on this occasion by my friend's friends, and one night the tassels of his cap were literally loaded with them. He assured me, when alone, that he had no faith in such things, and smiled when he said his friends would think ill of him, were he to refuse ; his faith, however, was stronger than he chose to acknowledge ; and entering, unexpectedly, one morning, I found him with a dove that had been just killed and cut open lying on his head, which, as he assured me, was because a very great marabout had come from Wadan on purpose to perform the operation. I was, nevertheless, still more surprised to find him seated on a carpet in the centre of the little court-yard of his house, in the middle of the day, with five of his horses around him, which had been brought from the tents by his order. I was convinced that this was some superstitious idea of the mystic influence which the horses were supposed to have upon his fate ; and on my expressing my surprise, he made me sit down, and told the following story :—

“Sede Mohammed, praise be to his name!” said he, “was once applied to by a poor man, whose speculations in trade always turned out disadvantageously ; his children died, and nothing flourished with him. Mohammed told him, ‘That horses were nearly connected with his fate ; and that he must buy horses before he would be fortunate.’ ‘If I cannot afford to keep myself,’ said the man, ‘how



1. The following is a list of the names of the persons who have been named in the above-mentioned affidavits as having been in the possession of the same at the time of the same being seized:

Submitted 12/1/04 by John M. Mendenhall

can I feed horses?"—"No matter," said the Prophet; "alive or dead, no good fortune will come upon your house until you have them." The poor man went, and purchased the head of a dead horse, which was all his means enabled him to do, and this he placed over his house, little dreaming of the good fortune which by this means he was to enjoy. Before the first day passed, to his extreme surprise and joy, he saw a bird, with a chain attached to its neck, entangled with the horse's head; and on mounting to the house top to extricate the bird, he found it one of the greatest beauty, and that the chain was of diamonds. He was not long in discovering the bird had escaped from the window of the favourite of a certain sultan, who, on its being restored, gave the poor man the chain as his reward, and by means of which he became rich and happy. Now," said Boo-Khaloom, "I dreamt of this story last night, and that I was the poor man."

During our stay at Sockna, the marriage of the son of one of the richest inhabitants, Hagi Mohammed-el-Hair-Trigge, was celebrated in the true Arab style. There is something so rudely chivalric in their ceremonies, so very superior to the dull monotony of a Tripolitan wedding, where from one to five hundred guests, all males, assemble, covered with gold lace, and look at one another, from the evening of one day until daylight the next, that I cannot help describing them.

The morning of the marriage-day (for the ceremony is always performed in the evening, that is, the final ceremony; for they are generally betrothed, and the fatah rêad, a year before) is ushered in by the music of the town or tribe, consisting of a bagpipe and two small drums, serenading the bride first, and then the bridegroom, who generally walks through the streets very finely dressed, with all the town at his heels; during which time, the women all assemble at the bride's house, dressed in their finest clothes, and place themselves at the different holes in the wall which serve as windows, and look into the court-yard. When

they are so placed, and the bride is in front of one of the windows with her face entirely covered with her barracan, the bridal clothes, consisting of silk shifts, shawls, silk trowsers, and fine barracans, to show her riches, are hung from the top of the house, quite reaching to the ground: the young Arab chiefs are permitted to pay their respects; they are preceded from the skiffa, or entrance, by their music, and a dancing woman or two advances with great form, and with slow steps, to the centre of the court, under the bride's window: here the ladies salute their visitors, with "loo! loo! loo!" which they return by laying their right hand on their breasts, as they are conducted quite round the circle. Ample time is afforded them to survey the surrounding beauties; and there are but few, who, on these occasions, are so cruel as to keep the veil quite closed. Such an assemblage of bright black eyes, large ear-rings, and white teeth, are but rarely seen in any country, I should suppose. After having made the circuit, the largess is given, and exposed to view by the chief *dansouse*, and, according to its amount, is the donor hailed and greeted by the spectators. Previous to their departure, all visitors discharge their pistols, and then again the ladies salute with the "loo! loo!" So far from being displeased at my asking permission to pay my respects, they considered it as a favour conferred; and the bridegroom, although he could not himself be admitted, attended me to and from the house of his mistress. This ceremony being ended, a little before sunset, the bride prepares to leave her father's house: a camel is sent for her with a jaafa*, or sedan chair of basket-work, on its back, covered with skins of animals, shawls from Soudan, Cairo, and Timbuctoo: she steps into this, and so places herself as to see what is going forward, and yet to be entirely hid from the view of others. She is now conducted outside the town, where all the horsemen and footmen who

* This is only called jaafa when a bride is conveyed in it—at other times a caramood.

have arms are assembled. Our escort on this occasion added greatly to the effect, as they were all, by Boo-Khaloom's order, in the field, consisting of sixty mounted Arabs; and when they all charged and fired at the foot of the bride's camel, I really felt for the virgin's situation; but it was thought a great honour, and that, I suppose, consoled her for the fright. They commenced by skirmishing by twos and fours, and charging in sections at full speed, always firing close under the bride's jaafa: in this manner they proceeded three times round the town, the scene occasionally relieved by a little interlude of the bridegroom's approaching the camel, which was surrounded by the negroes, who instantly commenced a cry, and drove him away, to the great amusement of the bystanders, exclaiming, "*Burra! Burra!* be off! be off! *mazal shouia!* a little yet!" With discharges of musketry, and the train of horsemen, &c. she is then conveyed to the bridegroom's house; upon which it is necessary for her to appear greatly surprised, and refuse to dismount: the women scream, and the men shout, and she is at length persuaded to enter; when, after receiving a bit of sugar in her mouth from the bridegroom's hand, and placing another bit in his, with her own fair fingers, the ceremony is finished, and they are declared man and wife.

During these rejoicings, a liberated slave of the bashaw's, who was returning to Bornou, had his thumb and forefinger carried off by the bursting of his gun: it is surprising that this does not happen more frequently, as their guns are of the most ordinary French manufacture, and they load them nearly to the muzzle. All the slaves from the castle commenced a terrible shrieking upon this occasion, and crowded round my horse, exclaiming "*Doica! Doica! Medicine! Medicine!*" I could do nothing at that moment but tie a handkerchief tight round the wrist, but he was soon at my door, loudly supplicating for relief; this was rather a difficult case for a practitioner without a diploma. I however bound up his wound, first pouring warm pitch on the part, and with

the leg of a Hessian boot, and a cord, made him a sling, that I flattered myself would not have disgraced St. Bartholomew's Hospital.

We had now to pass the Gibel Assoud, or Black Mountains: the northernmost part of this basaltic chain commences on leaving Sockna. We halted at Melaghi (or the place of meeting): immediately at the foot of the mountain is the well of Agutifa, and from hence probably the most imposing view of these heights will be seen. To the south, the mountain-path of Niffdah presents its black overhanging peaks, and the deep chasm, round which the path winds, bearing a most cavern-like appearance: a little to the west, the camel path, called El Nishka, appears scarcely less difficult and precipitous; the more southern crags close in the landscape, while the foreground is occupied by the dingy and barren wadey of Agutifa, with the well immediately overhung by red ridges of limestone and clay: the whole presenting a picture of barrenness, not to be perfectly described, either by poet or painter.

Large masses of tabular basalt, and irregular precipices, common to this formation, are scattered over this range of hills, and extend over all the plains which environ them. The most lofty hills are those which present the most massive façades of tabular basalt; the sides sometimes exhibit a step-like appearance, and in many instances are overhung by pillars, curved, inclined, and perpendicular: these produce a singular effect, not devoid of grandeur. The lower stratum of all these hills is invariably limestone, mixed with a reddish clay. Hills of the same are found bordering upon, and in some cases joining, the basaltic ones; some of these are strewed over with a covering of basalt stones of various sizes and forms, none of them large, from three to eighteen inches in circumference, but still showing the colour and structure of the soil on which they are spread. It is impossible, from the appearance and situation of the basalt, as well as from a conviction of the tremendous force by which it must have been projected, not to believe that some great

convulsion of nature must have caused its bursting from below in an ignited state, and also one of comparative fusion; hence the various particles of earth and small pebbles which are observable in masses of basalt. By what other means could such effects be produced, and such irregularities and displacements, or dislocations, have taken place in the superincumbent earth? Other hills of limestone are also indiscriminately found without the slightest particle of basalt on them, although in the immediate vicinity of what could easily be imagined the ancient crater of a volcano, which had showered a sombre covering, heaved from the very bowels of the earth, on all the then existing hills and plains which surrounded it. Some of these limestone hills have been cut through, either by the falling of masses of rock from the higher hills, or by violent watercourses; and a section of them reveals nothing but pure limestone mixed with clay.

The Souda, or Gibel Assoud*, extend from north to

* Gibel Assoud and the hills on this side have the same name. The valley is bounded on both sides by hills, from 100 to 600 feet high—tops in general tabular; but a few are irregular, and two or three end in conical peaks; the sides of all are covered with much debris. The colour of the hills gives a very peculiar character to the valley; the tops of a shining black, as if covered over with black lead, that often extends some way down the sides, which are of a light brown, mixed with a dirty yellow: this is often observable in patches in the black, which gives to the whole a very striking appearance. The lower strata are limestone, of a yellowish colour, almost entirely formed of marine remains: this, although hard, is easily acted on by the air, and the exposed surface mouldering away leaves cavities in the rock, which, undermining the superincumbent ones, gives rise to the quantity of detached fragments. There are several thin strata of earthy gypsum: above that, limestone, with a fine fibrous-looking external surface, something like wood: this has the jingling sound of burnt lime; above is the shining basalt, of a fine texture, mixed with amygdaloid.

About six miles from where we halted, are a range of low white hills, running about west by north, of the same name as the plains. The top is a fine shining white, from thick beds of a milk-white marble, the base of porphyritic limestone. W. O.

south, three days' journey, but in so winding a direction, as not to exceed thirty-five miles at the utmost in a straight line: to the west, as far as the well called Assela, on the road to the Shiati, where the red clay hills continue alone, and join the hills at Beniacleed: to the east, they extend three days on the road to Zella, or Bengagi, to a wadey called Temelleen.

The first four days of our journey, after leaving Agutifa, were all dreariness and misery. This was the third time that I passed these deserts: but no familiarity with the scenery at all relieves the sense of wretchedness which the dread barrenness of the place inspires. We marched from dawn until dark, for the sake of getting over them as quickly as possible; and as scarcely sufficient fuel was to be found to boil a little water, a mess of cold tumuta was usually our supper. On leaving Tingazeer, we had the blessing of a rainy day; for such it was to all, but particularly to the poor negroes who accompanied the kafilā, although Boo-Khaloom always gave them to drink from his skins once in the day (an unusual kindness), yet marching as they were for twelve and fourteen hours, once scarcely satisfied nature. In consequence of the rain we found water fresh and pure during almost every day's march, and arrived at Zeghren* with the loss of only one camel. On the last day, previous to arriving at the well, Omhul Abeed, a skeleton of a man, with some flesh still hanging about him, lay close to the road; but it was passed by the whole kafilā, with scarcely a remark.

After these dreary wastes, it was no small pleasure to rest a day at Zeghren, the native town of a considerable

* The hills of Zeghren opened: a low range, running nearly east and west; their appearance different from any we had yet seen, long, oval, and truncated at the top—colour black, with white streaks.

About the same time a detached rock came in view: it was about a hundred feet high, and 200 from the land from which we descended.

This is the geological structure of the neighbouring land, which has at no very distant period been joined to this. W. O.

merchant who accompanied our *kafila*. When we first left Sockna for Mourzuk, Abdi Zeleel had before taken me to his house, and presented me to his mother and sister; and he now insisted on my taking up my quarters there altogether. Almost the first person that presented herself was my friend the merchant's sister, I had almost said the fair, Omhal Henna*. She had a wooden bowl of haleb (fresh milk) in her hand, the greatest rarity she could offer, and holding out the milk with some confusion towards me with both her hands, the hood which should have concealed her beautiful features had fallen back: as my taking the milk from her would have prevented the amicable salutation we both seemed prepared for, and which consisted of four or five gentle pressures of the hand, with as many *aish harlecks*, and *tiebs*, and *ham-dulillahs*, she placed the bowl upon the ground, while the ceremonies of greeting, which take a much longer time in an African village than in an English drawing-room, were, by mutual consent, most cordially performed. I really could not help looking at her with astonishment, and I heartily wish that I had the power of conveying an idea of her portrait. It was the *Jemma* (Friday), the Sabbath, and she was covered, for I cannot call it dressed, with only a blue linen *barzacan*, which passed under one arm, and was fastened on the top of the opposite shoulder with a silver pin, the remaining part thrown round the body behind, and brought over her head as a sort of hood, which, as I remarked, had fallen off, and my having taken her hand when she set down the milk had prevented its being replaced. This accident displayed her jet black hair in numberless plaits all round her expressive face and neck, and her large sparkling eyes and little mouth, filled with the whitest teeth imaginable. She had various figures burnt on her chin with gunpowder: her complexion was a deep brown; and round her neck were eight or ten necklaces of coral and different coloured beads. So interesting a person

* The mother of peace.

I had not seen in the country ; and on my remaining some moments with my eyes fixed on her, she recommenced the salutation, "How is your health?" &c. and smiling, asked, with great naïveté, "whether I had not learnt, during the last two months, a little more Arabic?" I assured her I had. Looking round to see if any body heard her—and having brought the hood over her face—she said, "I first heard of your coming last night, and desired the slave to mention it to my brother. I have always looked for your coming, and at night, because at night I have sometimes seen you: you were the first man whose hand I ever touched—but they all said it did not signify with you, an *Insara* (a Christian). God turn your heart!—but my brother says you will never become Moslem—won't you, to please Abdi Zeleel's sister? My mother says God would have never allowed you to come, but for your conversion." By this time, again the hood had fallen back, and I again had taken her hand, when the unexpected appearance of Abdi Zeleel, accompanied by the governor of the town, who came to visit me, was a most unwelcome interruption. Oumhal-henna quickly escaped ; she had, however, overstepped the line, and I saw her no more.

The houses at Zeghren are better built than those of any other town in Fezzan: there is generally a skiffa and an ante-room which opens into a cowdie ; the walls are thick and strong, formed by sand and troad, and are washed with a whitewash made from a kind of pipe-clay that is found in some of the hills in the neighbourhood ; the roof is usually supported by four or six date trees ; divers small windows with slight bars of date sprigs are made in the walls, and by this means a current of air is always obtained ; a staircase opens to the roof, generally leads from the cowdie, and there at night the mats are spread and the Moors sleep, and breathe the fresh evening breezes. The women's apartments are generally on another side of the house, and separated from the common rooms by an inner court.

I had a full levee all the morning, and numbers of things

brought me to buy from Soudan, amongst others an old sword of some chief. Ghrneim, my chouash, declared Mohammed was all goodness and virtue, but he should have thought better of him had he ordered no *syem* (fasting from sunrise until sunset).

Besides our own people, and the followers of Boo-Khaloom, we had a number of liberated slaves who were returning to their homes. The bashaw had given freedom to twenty-four from the castle, sixteen of whom were females. Our friend, Mohammed D'Ghies, had also liberated three young women, all under twenty, natives of Begharmi, the evening previous to our leaving Tripoli, telling them, in my presence, that his friends the English wishing to visit their country, was the cause of their being set at liberty. There are circumstances attached to this act of D'Ghies beyond the mere liberation of three healthy negresses, so creditable to the feelings of this excellent old man, that they must not be omitted. Two of these girls only had fallen into his hands, and on his intimating to them his intention of giving them their liberty, they told him that another sister had been brought to Tripoli with them, and sold, like themselves, to slavery; but they knew not what was become of her. Mohammed D'Ghies, after much inquiry, succeeded in finding out who had been the purchaser, paid the price demanded for her liberation, and provided the means for enabling all the sisters to return together to their own country with Boo-Khaloom.

On the 20th October, in a date grove a short distance from the town of Temenhint, we found a kafila from Mourzuk, and some of the Mamelukes who had come from Darfoor and Waday. I visited them with Boo-Khaloom: their tents scarcely held together, and they gave a deplorable account of their sufferings: two of them had been beys, and one, Mohammed Bey, was still in the prime of life, and conversed with spirit; the other, Ali Bey, appeared weighed down by his misfortunes, and was between fifty and sixty years of age: they had left Cairo fifteen years, and had

passed the greater part of their exile in and near Dongala. On the approach of the army of Mohammed Ali, three hundred and fifty of them mustered at Dongala, and determined on passing to Kordofan, and from thence to Darfoor. At Darfoor they refused to receive them, and they then moved on to Wara, the capital of Waday, where also they were refused permission to remain. For four months they had been in great distress, the Waday people refusing to sell them any thing for themselves, or forage for their horses, all of which they were consequently obliged to part with: taking slaves for them, which they again exchanged for ostrich feathers, and any thing they could get. At Waday, all but twenty-six determined on proceeding to the south; they, however, afterwards altered their minds, and took the direction of the army of Mohammed Ali, meaning to claim protection there. The twenty-six left Waday just before the *Rhamadan* (May), and followed the tracks of camels until they came to a kafila of Fezzaneers proceeding to Mourzuk: this kafila they joined; but in passing through the Tibboo Borgoo country, one of their camels strayed and tore a branch from a date tree, for which the Borgoo people beat and wounded one of the Mameluke slaves: this was resented by the Mamelukes, and a quarrel ensued, which the Fezzaneers in vain attempted to arrange. They also became sufferers: the Borgoo people attacked and followed the kafila for five days, during which time twenty of the Mamelukes were killed, and thirteen of the Fezzaneers; the six remaining Mamelukes were now on their way to Tripoli, in the hope of obtaining from the bashaw permission to pass the remainder of their lives in his regency: they had lost forty thousand dollars since leaving Egypt.

Mohammed Bey describes the people of Borgoo and Waday as savages of the worst description, abhorring even the sight of a white man. I told him it was my intention to proceed in the direction of Darfoor, if possible: he replied, placing my hand in Boo-Khaloom's, "Do not leave this good man, Sidi Rais, if you hope to return."—But rarely

a *kafila* passes from Dongala to Darfoor; to Bornou, never. The army of Egypt had been repulsed with considerable loss at Darfoor; the people of which country, Mohammed Bey said, could muster one hundred thousand men, armed, in the field, equipped with artillery and mortars. The beys of Egypt had sent the King of Darfoor, many years ago, eight pieces of ordnance; they had made others, and worked them, as well as the people of Egypt themselves. The army had gone south, and meant to over-run all the Kordofan, when it was thought, if they had no reinforcement, that they would return to Egypt: with their present strength, they could do nothing with Darfoor, but the people of Darfoor wished for peace with Mohammed Ali, and feared him; on this account it was that they would not receive the Mamelukes. Affecting my own plans so materially as this information appeared to do, it was listened to by me with the deepest interest.

On Thursday, the 24th of October, we halted at Sebha, and remained there until Saturday the 26th, gathering our escort and collecting our supplies.

On Wednesday, the 30th October, we made our entrée into Mourzuk with all the parade and show that we could muster. By Boo-Khaloom's presents to the bashaw, but chiefly on account of his having undertaken to conduct us to Bornou, he had not only gained the bashaw's favour, but had left Tripoli with strong proofs of his master's consideration. Boo-Khaloom, naturally liberal, had, by successful trade, been enabled early in life to gratify his charitable and benevolent inclinations. This made him so popular in Mourzuk, that nearly half the inhabitants came out to meet him, at a short distance from the town, although not any of the authorities, and we entered the gates amidst the shouts of the people, preceded by singing and dancing women; and the Arabs who formed our escort made such repeated charges upon their jaded and tired animals, that I really expected some of them would "fall to rise no more." No living creatures can be treated worse than an Arab's wife

and his horse, and if plurality could be transferred from the marriage bed to the stable, both wives and horses would be much benefited by the change.

I could not quite resist a sensation of disappointment that no friends came out to meet me : but as the sun was insufferably powerful, and as I had received a message by Boo-Khaloom's brother, from Doctor Oudney, that he was unwell, and that Clapperton had the ague, I did not much expect it ; I was, however, by no means prepared to see either of them so much reduced as they were. Both my companions and Hillman I found had been confined to their beds with *henna* (fever and ague), had been delirious, and the Doctor and Hillman only a little recovered. Clapperton was still on his bed, which for fifteen days he had not quitted. Doctor Oudney was suffering also from a severe complaint in his chest, arising from a cold caught during his excursion to Ghraat, and nothing could be more disheartening than their appearance. The opinion of every body, Arabs, Tripolines, and our predecessors, were unanimous as to the insalubrity of its air. To account physically for the sickness of the place was beyond the powers of wiser medical heads than mine, but facts are stubborn things. Mr. Ritchie had fatally felt the baneful influence of the climate of Mourzuk, and Captain Lyon had suffered extremely during his stay there : every one of us, some in a greater or less degree, had been seriously disordered ; and amongst the inhabitants themselves, any thing like a healthy looking person was a rarity.

Notwithstanding Boo-Khaloom made every exertion in his power to get away from Mourzuk as early as possible, yet, from the numerous arrangements which it was necessary for him to make, for the provisioning so many persons during a journey through a country possessing no resources, it was the 29th November before those arrangements were complete. Doctor Oudney and Mr. Clapperton, from a most praiseworthy impatience to proceed on their journey, and at the same time, thinking their health might be benefited

by the change of air, preceded him to Gatrone by ten days. I had remained behind to urge Boo-Khaloom and expedite his departure, and we thought by these means to obviate any wish which he might have to delay on account of his private affairs, even for a day. Our caution was, however, needless; no man could be more anxious to obey the orders he had received, and forward our views, than himself: indeed so peremptory had been the commands of the bashaw, in consequence of the representations of our consul general, when complaining of former procrastination, that Boo-Khaloom's personal safety depended on his expedition, and of this he was well aware.

It may not be unacceptable to the reader, if I here give some account of the strength of our party.

I had succeeded in engaging, on my return to Tripoli, as an attendant to accompany me to Bornou, a native of the island of St. Vincent, whose real name was Adolphus Symptkins; but who, in consequence of his having run away from home, and in a merchant vessel traversed half the world over, had acquired the name of Columbus: he had been several years in the service of the bashaw, spoke three European languages, and perfect Arabic. This person was of the greatest service to the mission, and so faithful an attendant, that His Majesty's government have since employed him to accompany my former companion and colleague, Captain Clapperton, on the arduous service he is now engaged in: we had besides three free negroes, whom we had hired in Tripoli as our private servants; Jacob, a Gibraltar Jew, who was a sort of store-keeper; four men to look after our camels; and these, with Mr. Hillman and ourselves, made up the number of our household to thirteen persons. We were also accompanied by several merchants from Mesurata, Tripoli, Soekna, and Mourzuk, who gladly embraced the protection of our escort to proceed to the interior with their merchandize.

The Arabs in the service of the bashaw of Tripoli, by whom we were to be escorted to Bornou, and on whose good

conduct our success almost wholly depended, were now nearly all assembled, and had been chosen from the most obedient tribes; they gained considerably in our good opinion, each day we became better acquainted with them: they were not only a great and most necessary protection to us, breaking the ground as we were for any Europeans who might follow our steps, but enlivened us greatly on our dreary desert way by their infinite wit and sagacity, as well as by their poetry, extempore and traditional. We had several amongst our party who shone as orators in verse, to use the idiom of their own expressive language, particularly one of the tribe of Boo Saïf Marabooteens, or gifted persons, who would sing for an hour together, faithfully describing the whole of our journey for the preceding fortnight, relating the most trifling occurrence that had happened, even to the name of the well, and the colour and taste of the water, with astonishing rapidity and humour, and in very tolerable poetry; while some of his traditionary ballads were beautiful. The names of the chiefs who were to accompany us were as follows:—

Of the tribe of M'Garha, Sheikh Abdi Smud ben Erhoma, from the Syrtis, with seventy men. He often said that his father's name was renowned in song, for having killed one hundred men with his own hand in battle, and please God! he should exceed him, for he was but thirty-five, and had brought forty to the ground already.

The M'Garhas are at this time in great favour with the bashaw, and entirely exempt from tribute of any sort, from having assisted him very materially in annihilating the Waled Suleyman; I must, therefore, give some account of them.

They principally inhabit the Syrtis, where a considerable body always remain; tribes of them, with their flocks, pitch their tents for the months of pasture wherever they can find forage, and in times of peace even to within a few leagues of Tripoli. When the present bashaw determined on putting a finishing stroke to the Waled Suleyman, by the extermi-

nation of the tribe, he, like a wily politician, sent offers of peace and protection to the M'Garha, the ancient and inveterate enemies of the Seffenusser*. In their occasional skirmishes, no quarter was given; and a Waled Suleyman literally sucked the blood of a M'Garha, after giving him the finishing blow: children were even called upon to follow the parent's example, so that they might imbibe all the hatred felt by their ancestors, and vice versa. The tribe of M'Garha readily accepted the bashaw's offers; and with their assistance, about six years back, the Waled Suleyman struggled with the power of the bashaw for the last time. It was near the borders of Fezzan, in one of those extensive upland plains called Hornut Mahulla, that the grandsons of Seffenusser, the last of the house, returned from Egypt, and headed the remaining followers of their ancestors. The Orsilily, and several other tribes, flocked to the standard: the M'Garha marched from the eastward to assist the bashaw, who came from the side of Tripoli; the rebels were surrounded, and the Orsilily capitulated, promising an enormous tribute. No terms were, however, granted to the Waled Suleyman; they were followed with fire and sword to their very huts—Seffenusser's children fell into the hands of their enemies; they were, however, spared, and two of them sent to Mourzuk. Since that time, the name of Waled Suleyman is scarcely breathed; indeed the tribe has ceased to exist, with the exception of some few who escaped to Egypt. A solitary being, who thinks himself unobserved, is sometimes pointed out to you as having been one; but his misery protects him. So complete an overthrow of the most numerous tribe that inhabited the regency of Tripoli, and one whose riches and influence were so well known, has had the effect of humbling the turbulent spirit of the Arabs to a wonderful degree: the bashaw rules them literally with

* The name of their sheikh or chief; also often used when speaking of the tribe.

a rod of iron, and for the slightest cause he has the heads of their sheikhs over the gates of his palace in a few hours. He makes it his policy to keep up their feuds and ancient enmities, by which means he prevents that unanimity which might make them dangerous. The name of Seffenusser is, however, still the tocsin of revolt: it is in itself a thousand strong; and the bravery displayed by Abdi Zeleel, the eldest survivor of the name, during the late campaign in the negro country, has not a little contributed to strengthen the feeling.

Abdallah Bougeel, a chief and a warrior, from the Shiati, whose father and grandfather died because they would not fly; who never attended to flocks, but were chief in fight—twenty men.

Sheikh Sultan ben Kaid, from the Shiati, a great warrior, who had a terrible wound in his face, which had nearly demolished his nose, from the sword of a Tuarick—ten men

Hamel el Geide, Shiati—ten men.

Hamed Bendou el Hothmani, Shiati—ten men

Sheikh Boo Bucker Saakhi, Shiati—ten men.

Salem Asheneen Hashnuowy, Shiati—thirty men.

The Maraboot Sid Hassan ben Eran—ten men.

Il R'baiah—ten men.

Boo Aghoom, Osfilly—twenty men.

Futhaem—ten men.

Arabs are generally thin meagre figures, though possessing expressive and sometimes handsome features, great violence of gesture and muscular action. Irritable and fiery, they are unlike the dwellers in towns and cities: noisy and loud, their common conversational intercourse appears to be a continual strife and quarrel; they are, however, brave, eloquent, and deeply sensible of shame. I have known an Arab of the lower class refuse his food for days together, because in a skirmish his gun had missed fire: to use his own words, “*Gulbi wahr*,” “My heart aches;” “*Bindikti kedip hashimtni gedam el naz*,” “My gun lied, and shamed

me before the people." Much has been said of their want of cleanliness; I should, however, without hesitation, pronounce them to be much more cleanly than the lower order of people in any European country. Circumcision, and the shaving the hair from the head, and every other part of the body; the frequent ablutions which their religion compels them to perform; all tend to enforce practices of cleanliness. Vermin, from the climate of their country, they, as well as every other person, must be annoyed with; and although the lower ranks have not the means of frequently changing their covering (for it scarcely can be called apparel), yet they endeavour to free themselves as much as possible from the persecuting vermin. Their mode of dress has undergone no change for centuries back; and the words of Fenelon will at this day apply with equal truth to their present appearance*.

The fondness of an Arab for traditional history of the most distinguished actions of their remote ancestors is proverbial: professed story-tellers are ever the appendages to a man of rank: his friends will assemble before his tent, or on the platforms with which the houses of the Moorish Arabs are roofed, and there listen, night after night, to a continued history for sixty, or sometimes one hundred nights together. It is a great exercise of genius, and a peculiar gift, held in high estimation amongst them. They have a quickness and clearness of delivery, with a perfect command of words, surprising to a European ear: they never hesitate, are never at a loss; their descriptions are highly poetical, and their relations exemplified by figure and metaphor, the most striking and appropriate: their extempore songs are also full of fire, and possess many beautiful and happy similes. Certain tribes are celebrated for this gift of extempore speaking and

* *Leurs habits sont aisés à faire, car en ce doux climat on ne porte qu'une pièce d'étoffe fine et légère, qui n'est point taillée et que chacun met à longs plis autour de son corps pour la modestie; lui donnant la forme qu'il veut.*

singing; the chiefs cultivate the propensity in their children; and it is often possessed, to an astonishing degree, by men who are unable either to read or write.

Arabic songs go to the heart, and excite greatly the passions: I have seen a circle of Arabs straining their eyes with a fixed attention at one moment, and bursting with loud laughter; at the next, melting into tears, and clasping their hands in all the ecstasy of grief and sympathy.

Their attachment to pastoral life is ever favourable to love. Many of these children of the desert possess intelligence and feeling, which belong not to the savage; accompanied by an heroic courage, and a thorough contempt of every mode of gaining their livelihood, except by the sword and gun. An Arab values himself chiefly on his expertness in arms and horsemanship, and on hospitality.

Hospitality was ever habitual to them. At this day, the greatest reproach to an Arab tribe is, "that none of their men have the heart to give, nor their women to deny." Nor does this feeling of liberality alone extend to the chiefs, or Arabs of high birth: I have known the poor and wandering Bedouin to practise a degree of charity and hospitality far beyond his means, from a sense of duty alone.

Notwithstanding all the savageness of an Arab, there are sometimes noble thoughts which seem to cross over his powerful mind; and then again to leave him choked up with weeds of too strong a growth to be rooted out.

The M'Garha sheikhs were, after the defeat of Waled Suleyman, all taken into the bashaw's service; and are now amongst his most faithful and favoured followers. Abdi Zeleel ben Seffenusser, upon his submission, had been assigned some portion of his grandsire's extensive lands at Sebha in Fezzan; and on his being ordered to repair with a certain number of camels to Mourzuk, and to accompany the Sultan of Fezzan into the negro country, he was reported to have delayed obeying the order: his enemies attributed his reluctance to disaffection and want of courage. The bashaw's judgment was summary; and Hamet Ghre-

neim, the brother of my chaoush, was despatched with a letter to Abdi Zeleel, and orders to stab him while he read it, and return with his head. The M'Garha had five hundred miles to ride, previous to executing his bloody commission; and, by his account to me, it was the sixteenth of the same kind that he had been intrusted with: he seldom failed either in the execution or in receiving the reward, which always follows: "they were his master's orders—with *Bis milla!* (in God's name) he struck, and struck home!" His victim, in this case, was of more consequence than any of his former ones, and his reward would have been greater in proportion: Hamet was withal the descendant of the old enemy of his clan; but there was still some magic in the name of the Seffenusser. They were a race of heroes—cowardice could not be a crime for any of the blood to be guilty of; and the chance of being strangled on his return appeared to him preferable to assassinating Abdi Zeleel, and he determined on hesitating before he executed the bashaw's orders. On arriving at the hut of the Arab chief, notwithstanding his fallen state, friends enough remained to warn him of his approaching fate: he met Hamet at the door, kissed the signet of the bashaw, and desired him to perform his office; adding, "You are a M'Garha, and an enemy to our house." "I am," replied the other, "and therefore not capable of assassinating a Seffenusser: if you are guilty, fly—mine be the risk."

Cowardice is ever visited in an Arab by the most disgraceful punishments; he is often bound, and led through the huts of the whole tribe, with the bowels and offal of a bullock, or some other animal, tied round his head; and amongst a people who only desire to be rich in order to increase the number of their wives, probably the greatest punishment of all is, that could even any woman be found who would receive him as a husband, which would be an extraordinary circumstance, no Arab would allow him to enter into his family with such a stain on his character as cowardice.

The *amor patriæ* discoverable in even the wildest inhabitant of the most barren rock is not felt by the wandering Arab, or the Moor. He wanders from pasture to pasture, from district to district, without any local attachment; and his sole delight is a roving, irregular, but martial life. I have met with several, mostly Moors of Mesurata and Sockna, who have made three times the pilgrimage to Mecca; visited severally all the ports in the Red Sea; had been in Syria, from St. Jean d'Acre to Antioch; had traded to Smyrna and Constantinople, visiting Cyprus, Rhodes, and most of the islands in the Archipelago; had penetrated to the west of Nyffe, in Soudan, and every other part of the black country; had been two or three times stripped and robbed of every thing in the Negro country, escaping only with life, after receiving several wounds. Some of them had not seen their families for fifteen or twenty years, yet were still planning new expeditions, with as much glee as if they were just beginning life, instead of tottering on the brink of death.

Arabs have always been commended by the ancients for the fidelity of their attachments, and they are still scrupulously exact to their words, and respectful to their kindred; they have been universally celebrated for their quickness of apprehension and penetration, and the vivacity of their wit. Their language is certainly one of the most ancient in the world; but it has many dialects. The Arabs, however, have their vices and their defects; they are naturally addicted to war, bloodshed, and cruelty; and so malicious as scarcely ever to forget an injury.

Their frequent robberies committed on traders and travellers have rendered the name of an Arab almost infamous in Europe. Amongst themselves, however, they are most honest, and true to the rites of hospitality; and towards those whom they receive as friends into their camp, every thing is open, and nothing ever known to be stolen: enter but once into the tent of an Arab, and by the pressure of his hand he ensures you protection, at the hazard of his

life. An Arab is ever true to his bread and salt; once eat with him, and a knot of friendship is tied which cannot easily be loosened.

Arabs have been truly described as a distinct class of mankind. In the bashaw's dominions, they have never been entirely subdued: violent attempts at subjugation have often deprived them of tracts of their vast territories; whole tribes have been annihilated; but, as a people, they have ever remained independent and free.

The few fertile spots of scanty verdure, called "*oases*," which now and then refresh the languid senses of the weary traveller, and which are desolate, beyond the wildest wastes of European land, are the tracts inhabited by the eastern Arabs. Masses of conglomerated sand obstruct the path which leads to these oases or wadeys; nothing relieves the eye, as it stretches over the wide expanse, except where the desert scene is broken by a chain of bleak and barren mountains: no cooling breezes freshen the air: the sun descends in overpowering force: the winds scorch as they pass; and bring with them billows of sand, rolling along in masses frightfully suffocating, which sometimes swallow up whole caravans and armies, burying them in their pathless depths!

" Their hapless fate unknown !"



EXCURSION

10

WESTWARD OF MOURZUK,

IN JUNE, JULY, AND AUGUST, 1822,

BY WALTER OUDNEY, M.D.

SATURDAY, JUNE 8, 1822.—At a little after sunrise departed from Mourzuk. Lieutenant Clapperton, Mr. William Hillman and I were accompanied by Hadje Ali, brother of Ben Bucher, Ben Khullum, Mahommed Neapolitan Mamelouk, and Mahomet, son of our neighbour Hadje Mahmud. It was our intention to have proceeded direct to Ghraat, and laboured hard to accomplish our object. Obstacle after obstacle was thrown in our way, by some individuals in Mourzuk. Several came begging us not to go, as the road was dangerous, and the people not at all under the bashaw's control. We at length hired camels from a 'Targee, Hadje Said; but only to accompany us as far as the Wadey Ghrurby.

Our course was over sands skirted with date trees; ground strewed with fragments of calcareous crust, with a vitreous surface, from exposure to the weather. About mid-day, after an exhausting journey from oppressive heat, we arrived at El Humnum, a straggling village, the houses of which are mostly constructed of palm leaves. We remained till

the sun was well down, and then proceeded on our course. The country had the same character. At eight we arrived at Tessouwa.

The greater number of inhabitants are Tuaricks. They have a warlike appearance, a physiognomy and costume different from the Fezzaneers. More than a dozen muzzled up faces were seated near our tent, with every one's spear stuck in the ground before him. This struck us forcibly, from being very different from what we had been accustomed to see. The Arab is always armed, in his journey, with his long gun and pistols; but there is something more imposing in the spear, dagger, and broad straight sword.

About eight, we departed: several wadeys in our course, with numerous small acacias, a few gravelly and sandy plains, and two or three low white alluvial hills. About three, halted at a well of good water.

Our course lay over an extensive high plain, with a long range of hills, running nearly east and west. Distance, about fourteen miles. We entered them by a pass which runs north and south, in which are numerous recesses, evidently leading to more extensive wadeys. Before reaching the hills, we found some people digging a well. It was about a hundred feet deep.

The hills are at about a hundred yards' distance. Their form is that of a table top, with a peak here and there. The structure sandstone, finely stratified with beds of blue and white pipeclay, and alum slate.

The pass led to another, the finest we have seen, and the only part approaching to the sublime we have beheld in Fezzan. It is rugged and narrow; its sides high, and overhanging in some places. The whole exposed rock is a slaty sandstone, with thin strata of alum slate. The path has several trunks of petrified trees, with branches going out from them; the stem very similar to the acacia. They appear as if precipitated from the top. Near the end of the pass, the Wadey Ghrurby opens, with groves of date palms, and high sand hills. The change is sudden and striking;

and instead of taking away, added to the effect of the pass we were descending. The hills from the wadey have rugged, irregular, peaked tops, as if produced by some powerful cause; although it appeared, on examination, that all was produced by the mouldering away of the lower strata.

The hills are composed of thick beds of blue clay, alternating with sandstone, beds of alum slate, and thick strata of porphyritic clay stone, and all the tops of finely stratified sandstone.

Wednesday, June 12.—Moved up the valley for about four miles, and halted at a small town, Kharaiik, having passed two in our course. Valley, fine groves of palm trees, with cultivated patches; water good, depth of the wells as about Mourzuk; hills bound the valley on the south side, and sand hills on the north. The number of date trees in the eastern and western division of the valley is said to be 340,000. The first division, or Wadey Shirgi, extends from near Seba to within a few miles of Thirtiba; the other, from the termination of Shirgi to Aubari.

In the evening saw some of the preparatory steps for a marriage. The woman belonged to this, and the man to the next town. A band of musicians, accompanied by all the women of the village, dancing and singing, with every now and then a volley of musketry. One woman carried a basket on her head, for the purpose of collecting gomah, to form a feast and pay the musicians. They came from the village of the bridegroom, which was about a mile distant. The marriage was not to take place till the feast after Rhamadan.

There are very few plants here. A species of *asclepias*, with milky juice; the agoul, apparently a species of *ulex*, has a fine red papilionaceous flower; species, with small obovate leaves, pod small and obtuse at the apex. A species of sweet-smelling rue, and two other plants in fruit, one like a *veronica*, and the other I have not seen a similar one before.

Friday, June 14. Rain sometimes falls in the valley,

sufficient to overflow the surface, and form mountain torrents. But it has no regular periods; five, eight, and nine years frequently intervening between each time. Thus no trust can be placed in the occurrence of rain, and no application made in agricultural concerns. The sheikh of this town is Ali, a good-natured 'Tibboo, exceedingly poor, but very attentive, and always in good humour. The place is so poor, that we had sometimes to wait half a day before we could get a couple of fowls, or a feed of dates or barley for our horses. We are in hourly expectation of camels from friends of Hateeta, for the purpose of conveying us to Ghraat.

There are a number of ants, of a species different from any I have seen in North Africa. Colour, a light shining brown, speckled with a silvery white; a strong pair of nippers, like the large claws of a crab. They run with great swiftness.

Saturday, June 15.—No camels have arrived, and we are obliged to remain; much against our inclination. Hateeta was conversing yesterday on the difficulty we experienced in getting away from Mourzuk, from obstacles thrown in our way by the people. He said that the dread they had of the 'Tuaricks was unfounded, and we should soon be convinced of it. He further added, that he could, by his influence alone, conduct us in perfect safety to Timbuctoo, and would answer with his head. He was indignant at the feelings the people of Mourzuk had against the 'Tuaricks, who, he said, pride themselves in having but one word, and performing what they promise.

Sunday, June 16.—Our camels have not yet arrived; but we were able to hire two from one Mahomet El Buin, and with these we proceeded on to Germa. Our course lay along the wadey, which grew finer and finer as we advanced, the number of gummah and gussub fields and date groves increasing. The hills formed some small recesses; the tops of most were level, and all of the same height. Passed several villages built all in the same manner. Notwithstand-

ing the nearness and fitness of the stone, the salt mould is preferred; perhaps from the want of lime, and the ease with which the house is erected. Another thing: so very little rain falls, that there is no danger of the fabric falling. Near Break passed some imperfect inscriptions, apparently Arabic.

About eleven arrived at Germa, a larger town than any in the wadey, but both walls and houses have the marks of time. We waited in the house of the kaid till our camels came up. The sheikh, Mustapha ben Ussuf, soon visited us. He is an old man, a Fezzaneer, dark complexion, arch of nose small, tip depressed, and alar expanded, lips a little thick, but mouth not large, hair black, and from the appearance of the beard, woolly. His ancestors are natives of this place; and his features may be considered as characteristic of the natives of Fezzan.

Monday, June 17.—We had many accounts of inscriptions being here, which the people could not read. We were conducted to-day by Skeikh Mustapha to examine a building, different, as he stated, from any in the country. When we arrived, we found, to our satisfaction, it was a structure which had been erected by the Romans.

There were no inscriptions to be found, although we carefully turned up a number of the stones strewed about, but a few figures and letters rudely hewn out, and evidently of recent date. We imagined we could trace some resemblance to the letters of Europe, and conjectured that they had been hewn out by some European traveller at no very distant period. Our thoughts naturally went back to Hornemann; but again we had no intelligence of his having been here. In short, to confess the truth, we did not know what to make of them, till we afterwards made the discovery of the Targee writing. This building is about twelve feet high, and eight broad. It is built of sandstone, well finished, and dug from the neighbouring hills. Its interior is solid, and of small stones, cemented by mortar. It stands about three miles from Germa, and a quarter of a mile from the

foot of the mountain. It is either a tomb or an altar: those well acquainted with Roman architecture will easily determine which. The finding a structure of these people proves, without doubt, their intercourse here. It is probable they had no extensive establishment; otherwise we should see more remains. As we went along we passed by, and saw to the westward, the remains of ancient Germa. It appeared to occupy a space more extensive than the present town. We were not able to learn from the old sheikh whether any old coins were ever found, or any building similar to this, in the vicinity. Was this the track merely of the Romans into the interior, or did they come to the valley for dates?

Tuesday, June 18.—Hateeta arrived during the night; but our departure was delayed on account of his being sick. He has a severe fever, and it is likely it may be of some continuance. The ague is very prevalent in the wadey; and, if we can believe the natives, the water is a very powerful agent in inducing bilious affection. The town is surrounded by a ditch, now nearly dry, and its site covered with a thick crust of the muriate of soda, evidently containing a large quantity of the muriate and sulphate of magnesia. This crust extends to a considerable distance from the town, and is five or six inches thick in several places. There are several wells, not two feet deep, containing excellent water. The date trees are close to the vicinity of the town, and most are heavily loaded with fruit. It is lamentable to see the number of houses in ruin, and the marks of poverty in the dress of the inhabitants. We could scarcely get a fowl to buy; and a sheep was out of the question.

Wednesday, June 19.—Struck our tents at daylight, and commenced our journey about seven. We now sent our horses home, under charge of my servant Adam, and set out on foot. We intended mounting the camels; but the loads were so ill arranged, that we could not venture as yet. Our course lay through groves of date trees growing on the salt plain. These extended for about four miles; and two

miles farther west was a small Arab town. We saw several of the Arabs as we passed along; but merely gave the usual compliments. The country for several miles was a loose sand, and heavy travelling for those on foot. The hills of the same shape, forming several large bays, with projecting headlands; the sides, to within fifty or sixty feet of the top, having gentle but rugged ascents; but above almost perpendicular. We passed three wells, one about fifty feet deep, temp. 92. 6. at which two women were watering goats belonging to Tuaricks. The other two were holes in the ground; the water of all good. We halted about an hour under the shades of date trees, waiting for the camels. I then mounted, and about three entered the date groves of Oubari, where we halted. Hateeta joined us in the evening, with considerable fever. We had numerous Tuarick visitors, some residents of the town, and others belonging to a *kafila* about to depart for the Tuarick country. They are an independent-looking race. They examine with care every thing they see, and are not scrupulous in asking for different articles, such as tobacco, powder, and flints. The sheikh, and a number of the other inhabitants of the town, soon came out; and he procured what we wished.

Thursday, June 20.—Intended starting this morning; but the camel-men did not come forward with their camels. Hateeta still very ill. Took advantage of our detention to visit the neighbouring hills. One part appeared at a distance as an artificial excavation, which disappeared as we approached; and we found it to be a smooth surface, with a portion so removed, as to give rise to the delusion.

In ascending this by the tract of a mountain torrent, we fell in with numerous inscriptions, in characters similar to those on the Roman building. Some were evidently done centuries ago, others very recently.

The hill is of fine sandstone, which has not been used for building. There are also several thick strata of a fine blue clay, containing embedded masses of iron ore. The summit is formed of a dark bluish red clay stone, which gives a

dreary cast to the hills. We ascended with difficulty, as it is one of the highest and steepest hills of the range. It commands an extensive view of the whole neighbouring wadey. The sand hills are much lower than to the eastward; and, from this position, all to the northward appears an extensive sandy plain.

The palms of Oubari are like paltry shrubs; and from viewing them here, one would not believe them to be half 7000, the estimated number. To the southward, another portion of the same range. When we got to the top, we were perspiring copiously, and had to take care that the perspiration was not checked too suddenly, as a strong cool breeze was blowing on the top. Many spaces were cleared away for prayer, in the same manner as we have observed in places on all the roads we have travelled along. The form in general is an oblong square, with a small recess in one of the longer sides looking to the rising sun, or it is semicircular, with a similar recess. On the top of a steep precipice, the King's Anthem was sung with great energy and taste by Hillman.

The new moon was seen this evening, to the great joy of all the followers of Mahomet. Muskets and pistols were discharged, and all the musicians began their labours. This sport was continued all night. A party of musicians came out to visit us; but several were so drunk that they could scarcely walk. The fast is kept by all with a bad grace; and scarcely one is to be seen who has not a long visage. It is even laughable to see some young men going about the streets with long walking sticks, leaning forward like a man bent with age. As soon as the marabout calls, not a person is to be seen in the streets; all commence, as soon as he pronounces "Allah Akbar;" all pretend to keep it; and if they do not, they take care no one shall know: but from the wry faces and great pharisaical shows, the rigidity may be called in question. None of our party kept it, except for a day now and then; for all travellers after the

first day are allowed exemption ; but they have to make up at some other time.

For the first time, we found out the writings on the rocks were Tuarick ; and we met one man that knew a few of the letters, but could not find one that knew all. The information was satisfactory to us, and put our minds to rest on the subject of the writing.

We were amused with stories of the great powers of eating of the Tuaricks. We were told that two men have consumed three sheep at one meal ; another eating a kail of bruised dates, with a corresponding quantity of milk, and another eating about a hundred loaves, of about the size of our penny loaves. We had many inquiries respecting our females. A notion prevailed, that they always bore more than one child at a time, and that they went longer than nine calendar months. On being told that they were the same in that respect as other women, they appeared pleased. We were also asked how they were kept ; if locked up as the Moorish women, or allowed to go freely abroad. The Tuarick women are allowed great liberties that way, and are not a little pleased at having such an advantage.

The greater number of Tuaricks follow the nomade life, moving from place to place as they find pasturage. They appear to delight in solitary abodes ; and the different mountain recesses in the vicinity appear to have been often the residences of these people. The houses are of the skin of the camel, and have something of the form of the Arab.

I had a great many female Tuarick patients to-day. They are free and lively ; and there is no more restraint before men than in the females of our own country : they are greatly noticed by the men. They have a copper complexion ; eyes large, black, and rolling ; nose plain ; but two or three had fine ancient Egyptian shaped noses ; hair long and shedded, not plaited like the Arab women ; neither did there appear to be any oil.

Tuesday, June 25.—There are several roads to Ghraat ;

and the upper one, where we had to enter the hills, was last night fixed on for us. There is plenty of water, but more rough than the lower, which is said to be a sandy plain, as level as the hand, but no water for five days.

It is not necessary among the Tuaricks that the woman should bring a portion to the husband, although she generally brings something: but it is almost always requisite that the man pay so much to the father for permission to marry his daughter. The price, when the parties are rich, is generally six camels.

The customs and manners of our country, which we related to our friends, were so similar to some of theirs, that an old Targee exclaimed in a forcible manner, "That he was sure they had the same origin as us." We are getting on amazingly well with them, and would, no doubt, soon be great friends. The women here have full round faces, black curling hair, and, from a Negro mixture, inclined to be crispy; eyebrows a little arched, eyes black and large, nose plain and well-formed. The dress a barracan neatly wrapped round, with a cover of dark blue cloth for the head; sometimes that comes over the lower part of the face as in the men. They are not very fond of beads, but often have shells suspended to the ears as ear-drops.

Thursday, June 27.—Hatecta is really so unwell, that he is not able to go; we in consequence have put off our departure for ten days, and have determined during that time to visit wadey Shiati, &c.; and Mr. Hillman goes up to Mourzuk to send down supplies and take charge of our property. It would have been unkind to Hatecta to have proceeded on; for he is so anxious, that, rather than be left behind, he would have ordered himself to have been bound to a camel. We arranged about the fare for our camels, and prepared ourselves to depart to-morrow morning. We left our spare baggage, which our Tuaricks deposited in one of their mountain recesses.

Friday, June 28.—Before we could set out, a guide for the sands was necessary. For that purpose we engaged an

old Targee, who professed to know every part of our tract. When all things were ready, it was near eight in the evening ; but we were determined to start. Now Mr. Hillman left us for Mourzuk, I felt glad and satisfied, as I had always since our departure been uneasy respecting our property ; but with Hillman every thing would be taken care of, and as safe as if we were all present. The interest he took in the mission, and the important duty in taking care of all our concerns, deserve the highest praise from every one.

We travelled by moonlight over a sandy soil, with numerous tufts of grass and mound hillocks, covered with shrubs, the surface in many places hard and crusty, from saline incrustation. The old man told us that the mounds of earth were formed by water, as the wadey, at the times of great rain, was covered with water. He further added, that in former times a large quantity of rain used to fall, information agreeing with what we had before received.

Saturday, June 29.—At daylight resumed our journey ; and a little after sunrise entered among the sand hills, which are here two or three hundred feet high. The ascending and descending of these proved very fatiguing to both our camels and ourselves. The precipitous sides obliged us often to make a circuitous course, and rendered it necessary to form with the hands a tract by which the camels might ascend. Beyond this boundary of the sand hills of the wadey Ghrurbi, there is an extensive sandy plain, with here and there tufts of grass. We observed, for the first time, a plant with leaves like those of an equise'tum, and a triginous grass.

In the afternoon our tract was on the same plain. There were observable several furrows with strips of grass in tufts. Near sunset began ascending high sand hills ; they were as if one heaped upon another. Our guide ran before to endeavour to find out the easiest tract with all the agility of a boy. The presence of nothing but deep sandy valleys and high sand hills strikes the mind forcibly. There is something of the sublime mixed with the melancholy. Who can

contemplate without admiration masses of loose sand, fully four hundred feet high, ready to be tossed about by every breeze, and not shudder with horror at the idea of the unfortunate traveller being entombed in a moment by one of those fatal blasts, which sometimes occur. On the top of one of these hills we halted for the night. It was near full moon. Her silvery rays, contrasted with the golden hue of the sand, and the general stillness, gave rise to a diversity of reflections.

Sunday, June 30.—At sunrise began our journey through valleys of sand, bounded on each side, and every where intersected by high sand hills. We had to pass over several of these, to our great annoyance. Our water was low, half a gerba only was left, and we began to be a little uneasy at the chance of losing our way, or the well being filled up. Our fears were soon removed. We saw the well at a distance, and found it full of good water on our arrival. The name of the valley is Tigidafa. Much of the equisetum-leaved plant grows here, and four or five date trees overshadow the well.

We halted during the heat of the day. The Mamelouk very unwell with ague and affection of the liver, probably arising from the want of his usual quantity of sour lackbi. In Mourzuk we were told he used to drink all he could procure.

About four we moved along the summits of several of the highest ridges, and descended some of the most difficult passes. About sunset arrived at a large plain, with a little feeding for the camels. Here we halted. The grasses have long tapering roots, but not finely divided into fibres; each fibre descends perpendicularly, and does not creep along the surface. It is covered with a fine velvety epidermis, and that again with fine particles of sand, so as to give it the appearance and elasticity of twine finely coiled up. None of the plants I saw had creeping roots, but all long and tapering; thus forming but a weak barrier to the fixing of the sand.

Tuesday, July 2.—Our course over and among the sand hills, and sandy walls, or barriers, like falls in a river, every here and there running across the valleys. Our guide, whom we now styled Mahomet ben Kaml, or son of the sand, was almost always on before, endeavouring to find out the best way. We could detect in the sand numerous foot-marks of the jackal and fox, and here and there a solitary antelope. In some of the wadeys there were a great many fragments of the ostrich egg. Clapperton and Mahomet ben Hadje went a long way out of the tract. They followed the footsteps of some camels, and went on ahead of us. Our road lay in a different direction from theirs: we were therefore separated a considerable distance from each other. When we saw no appearance of them we halted, and sent the servants in search. The moment was trying: they were in the midst of sand hills, without provisions or water; but, luckily, it was not long; our searchers soon detected them from the heights. About mid-day halted in a valley, and remained under the shade of some date trees for a few hours. Set out again in the afternoon. The heat was oppressive, and our travelling was difficult. We next came to an extensive level plain, which was some refreshment; for we were completely tired of ascending and descending sand hills. Our servants strayed; they went on a tract which was pointed out to them as the right one, and, before we were aware of the error, they went so far that we were not able to send after them. They, as well as ourselves, thought the town was near, and they went with the intention of getting in before us. We felt exceedingly uneasy respecting them, as they might so easily lose themselves in such intricate travelling. We halted in low spirits, and, after a little refreshment, went to sleep with heavy hearts.

Wednesday, July 3.—Strong breeze in the night. Our trunks and bed-clothes were all covered with sand in the morning. We heard nothing of our servants, and consoled ourselves that they had found some place before now. We commenced our journey early. The hills of wadey Shiati

were seen stretching east and west, and the date palms in several groves; but between us and them some high sand hills were seen. We wished our old guide to take us a more direct course, as we conceived; but, notwithstanding our desire and even threats, he persevered in having his way; and, to do the old man justice, we afterwards found it would have been almost impossible for the camels to have gone the way we wished. After passing the base of some high sand hills, we came to a stony pass, of gentle descent, covered with loose fragments of quartz rock, a yellowish felspar, and iron ore, very similar to the rocks in the Sebah district. From this place the town opened to our view. It is erected on a hill about three hundred feet high. This stands in the middle of the valley nearly, and has the appearance, at a distance, of a hill studded over with basaltic columns. I had no idea the town was built on the hill, and, consequently, that the deception was produced by it. The approach from this side is over large plains of salt, and through fields of gomah and date groves. The different divisions of the fields did not appear to us so neat as near other towns; but that may be owing to the grain having mostly been cut and all in. There is no necessity here for wells, as there are a number of springs near the surface that open into large basins, from which channels are cut to the different fields. Temperature of the water 30 cent.; but the basins are so exposed, and so large, that the temperature of the water is influenced by the soil and sun's rays.

The soil is dark, and mixed with a large quantity of salt. In the salt plain here there are a number of small conical hills, the base composed of pipeclay, above that of a fine grained yellow sandstone, and the top a conglomerate, the principal ingredient of which is ironstone.

The most of the inhabitants soon visited us, and all appeared pleased at our arrival. The kadi of the two neighbouring towns paid us many compliments, and pressed us hard to spend a few days in his towns. We could not take advantage of his offer, which was no doubt of a selfish

nature; for I had not conversed long with him before he began to beg a shirt. I told him mine could be of no use to him, as it was very different from those of the country. On that he asked for a dollar to buy one, which I took care to refuse; and said to him, that I only gave presents of money to the poor. The people made numerous urgent demands for medicines; and, in a very short time, our large tent was surrounded with sick: the female part formed the majority. Some beautiful faces and forms were clothed in rags: the plaited hair and necks of these even were loaded with ornaments. The physiognomy of the women, as well as of the men, is of two kinds,—that of the Bedouin Arab and Fezzaneer, with mixtures also which it would puzzle a physiognomist to discover and describe. The females are rather under the middle stature, stoutly built, and possess considerable vivacity and liveliness: complexion of those not much exposed to the sun of a dirty white.

Thursday, July 4.—Numbers of patients greatly augmented, and several of the applicants brought small presents for medicines, such as a bowl of libau. I was also applied to in a new capacity—that of a charm writer. A man came and offered me two fowls if I would give him a charm for a disease of the belly; but I was obliged to decline the office of charm writer, and confine myself to cure diseases by medicine. A buxom widow applied for medicine to get her a husband. It is not good to pretend ignorance: I therefore told her I had no such medicine along with me. The same worthy personage took my friend Clapperton for an old man—from his light coloured beard and mustachios—to my great amusement, and his chagrin. He had prided himself on the strength and bushiness of his beard, and was not a little hurt that light colour should be taken as a mark of old age. None of them had ever seen a light coloured beard before, and all the old men dye their grey beards with henna, which gives them a colour approaching that of my friend.

We went a little before sunset to visit the town. The

houses are of mud, and built on the sides of the hill. They appear as if one was pulled on another. The passages or streets between them are narrow, and, in two or three instances, excavations through the rock. The exposed rocks denote the same composition as the insulated hills on the salt plain. The ascent was steep in some places, and we had to pass through the mosque before we arrived at the highest portion. From this we had a fine view of wadey Shiati in every direction. The wadey runs nearly east and west: in the former direction it is well inhabited as far as Oml'abced: this is the westernmost town; and although, from this position, the soil appears favourable, there are no inhabitants between this and Ghadamis. A range of hills forms the northern boundary: these run as far as Ghadamis, and end easterly, in the hills about Oml'abced. A low range forms the southern boundary; and between them and the wadey Ghrurbi all is sand. Many houses are in ruins, and many more are approaching to that state. Still it is called the new town, although its appearance little entitles it to that appellation; but the ancient inhabitants lived in excavations in the rocks, the remains of which are very distinct. We saw numerous recesses, but thought they were produced by the present race digging for pipe-clay, and the natural mouldering away of the soft rock. When we had finished our visit, we were told the former people lived in these holes. At the bottom of the hill we entered several, not much decayed by time. Most of them are oblong spaces, about ten or twelve feet long, and seven feet high. The entrances of all these had mouldered away very much. At a hundred yards, however, from the base of the hill, and now used as burying ground, there is a subterranean house of large dimensions, and probably the residence of the great personage. The entrance was more than half filled up with sand and small stones that had been thrown in. Clapperton and I entered, and found three extensive galleries, which communicated only by small openings, in passing through which we had to stoop considerably. But the galleries were high

(nearly seven feet), and of considerable length (about 150 feet), and each had several small recesses, like sleeping rooms. The whole had neatness about it, and showed a taste in the excavators. There are no traces of similar abodes in Fezzan. The present race are entirely ignorant of the ancient occupiers. The people are so afraid, and so superstitious, that scarcely one of the town had ever entered it. They were astonished when we entered without ceremony; and two, encouraged by our example, brought us a light, by which we were enabled to look into the different recesses.

Saturday, July 6.—At 2. 40. started with a beautiful moonlight, over a sandy plain, with a great many small hillocks. We stopped at Dalhoon, a well nearly filled up with sand, and containing water so brackish that we were unable to drink it. We started again, and got in among the sand hills. Our new guide proved neither such an active man nor experienced pilot as our old Tuarick, as we had several times to retrace our steps.

Monday, July 8.—We entered the wadey Trona early this morning, on the north-east side. Near where we entered there are a cluster of date palms, and a small lake, from which impure trona is obtained. On the western side the trona lake is surrounded with date trees, and its marshy borders are covered on almost all sides by grass, and a tall juncus. It is about half a mile long, and nearly two hundred yards wide. At present it is of inconsiderable depth, from the evaporation of the water; for many places are dry now, which are covered in the winter and spring. The trona crystallizes at the bottom of the lake, when the water is sufficiently saturated; for when the water is in large quantities it eats the trona, as the people say. The cakes vary in thickness, from a fine film to several inches (two or three). The thickest at present is not more than three-fourths of an inch; but in the winter, when the water begins to increase, it is of the thickness I have mentioned. The surface next the ground is not unequal from crystallization, but rough to the feel, from numerous small rounded asperi-

ties. That next the water is generally found studded with numerous small, beautiful vertical crystals of muriate of soda; the line of junction is always distinct, and the one is easily removed from the other. When not covered with muriate of soda, the upper surface shows a congeries of small tabular pieces joined in every position. When the mass is broken there is a fine display of reticular crystals, often finely radiated. The surface of the water is covered in many places with large thin sheets of salt, giving the whole the appearance of a lake partially frozen over: film after film forms, till the whole becomes of great thickness. Thus may be observed, on the same space, trona and cubical crystals of muriate of soda, and, on the surface of the water, films accumulating, till the whole amounts to a considerable thickness. The soil of the lake is a dark brown sand, approaching to black, of a viscid consistence, and slimy feel; and, on the lately uncovered surface of the banks, a black substance, something like mineral tar, is seen oozing out. The water begins to increase in the winter, and is at its height in the spring. In the beginning of the winter the trona is thickest and best, but in the spring it disappears entirely. The size of the lake has diminished considerably within the last nine years; and, if care be not taken, the diminution will soon be much more considerable; for plants are making rapid encroachments, and very shallow banks are observable in many places. On making inquiry, I found the quantity of trona has not sensibly diminished for the last ten years. Perhaps it may appear so from there always being sufficient to answer every demand. The quantity annually carried away amounts to between 400 and 500 camel loads, each amounting to about 4 cwt.,—a large quantity, when the size of the lake is taken into account. It is only removed from the lake when a demand comes. A man goes in, breaks it off in large pieces, and those on the banks remove the extraneous matter, and pack it in large square bundles, and bind it up with the retacious substance

observable on the roots of the leaves of the date tree, and, bound up in that way, it is taken to the different places,—the greatest to Tripoli, but a considerable quantity is consumed in Fezzan. The price of each load here is two dollars. The water in the valley is good, and very free from saline impregnation. The whole is taken care of by an old black Fezzaneer, Hadje Ali, an unassuming but sensible man. He treated us with every kindness, and showed the greatest readiness to give us every information. He resides here the whole year, and only comes up to Mourzuk occasionally to settle money affairs. When we asked him if he felt his residence solitary, he answered, he was now an old man, and he gained a comfortable livelihood by it, which he could not elsewhere. He possesses great energy; and in his younger years few could cope with him. Since his charge of this place, which is about nine years, it happened Mukni wished more money. He told him decidedly he would give him no more, on which Mukni began to bluster in his usual manner. The old man quietly took up his staff and walked off. The matter was soon settled in the Hadje's favour; for he is, as our relators informed us, of only one speech; and Mukni, although he speaks harshly, has a good heart. The worms, so much used in Fezzan, are found in this lake in the spring. About twenty camels of the Waled Busafe were waiting for their loads.

Clapperton was sitting on the top of a high sand hill, and so pleased with the view, that he called out several times for me to dismount from my camel to enjoy the treat. The appearance was beautiful. A deep sandy valley, without vegetation, and containing only two large groves of date trees; within each a fine lake was enclosed. The contrast between the bare lofty sand hills, and the two insulated spots, was the great cause of the sensation of beauty. There is something pretty in a lake surrounded with date palms; but when every other object within the sphere of vision is dreary, the scene becomes doubly so.

The worms so celebrated in this kingdom are found in these lakes. They are small animals, almost invisible to the naked eye, and surrounded with a large quantity of gelatinous matter. They are of a reddish-brown colour, and have a strong slimy smell. When seen through a microscope, the head appears small and depressed, the eyes two large black spots, supported on two long peduncles; the body a row of rays on each side, like the fins of fishes, but probably perform the action of legs; they have a continual motion like the tail of fish.

These animalculæ abound in the spring; they are to be found at all times, but in particularly large quantities in high winds. They are caught in a long hand net, by a man going some way into the lake, and after allowing the net to remain some time at the bottom, it is taken up, or drawn a little along the ground; and in this manner several pints are sometimes caught at one time. It is found to be almost impossible to preserve them alive for a few hours after they are taken from the lake. An animal that evidently preys on them is found in considerable numbers. It is about an inch long, annulose, has six feet on each side, and two small corniform processes at the tail. It was past sunset before we saw any of the people of the town; but by the promise of a dollar, a small basin full of the insects was procured for us before daylight in the morning.

The other lakes of these worms are at two days' journey from this, situated in valleys almost inaccessible from the highness of the sand hills, and frequented only by the Dowedee, or men that fish for the insects only, at the riper season. They are placed in the sun's rays for a few hours to dry, and in that state sell at a high rate in the different towns in Fezzan.

Wednesday, July 10.—We departed at sunrise, and had a much more pleasant journey. The tract was much more free from sand hills, although some of a great height were observable on each side.

The sheikh was very civil, and all our wants were speedily supplied.

We had two marriages to-night. The brides were brought out on a camel, decorated with gaudy dresses, and concealed from public view by awnings. Both brides were on one camel, for the purpose, we were told, of saving expense. Another camel went behind, for receiving the presents of the people, as wheat or barley, by which a feast is made. They went a considerable distance from the town, surrounded by almost all the inhabitants, both male and female. The men, dressed in their best, amused themselves firing muskets and pistols, while the women were singing. The musicians preceded the procession, and exhibited signs of having paid their devotions to Bacchus. They were nearly two hours amusing themselves, before the brides were carried home to their husbands' houses. The ceremony was announced by the yelling of the women, and the discharge of musketry.

Friday, July 12.—We departed early in the morning, and arrived about mid-day at Oubari, where we were obliged to remain a day, for the camel-men to arrange their affairs, and rest their camels.

Tuesday, July 16.—We had directed the camels to be brought before daylight; but it was after sunrise when they made their appearance. After six we departed. Our course was over a level gravelly valley, with the mountains to the south, and sand hills to the north. The tulloh trees in abundance; some large patches of calcareous crust. We were accompanied by Mahomet, a black Tuarick, that resides in the vicinity of Biar Hadje Ahmut. Halted at Biar.

Wednesday, July 17.—Early in the forenoon, a kafila of Tuaricks, most of them Hadjes, arrived from Ghraat. Hateeta rose to salute them, and paid them great respect. One was a maraboot, much respected by the Tuaricks. He is an oldish man, of pleasing countenance and free manner.

They were muffled up to near the eyes; but they talked freely with us, and appeared a little prepossessed in our favour; no doubt from the account Hateeta had given them. One was able to give some account of the Targee letters; but no information on the ancient history of his nation. They were anxious we should profess Islamism; but it was only the lips, not the heart they wished to make any impression on. It is sufficient if a man says, "There is no God but one, and Mahomet is his prophet," and goes through a few forms of prayers. There is some pleasure in beholding a number at one and the same time at their devotions; but when reason is called into action, when the whole is considered as outward show, the beauty and the loveliness lose themselves.

Thursday, July 18.—Started, an hour before sunrise. Our course the same as yesterday, over a wide level valley, bounded by the same mountain range, which all along forms shallow bays with bluff extremities. Tops of the hills level. Almost the whole range, from Biar Hadje Ahmut, as free from inequality as the valley. Scattered acacias mostly in flower, and large drops of fine gum arabic hanging from the branches. Notwithstanding the strong prickles, the camels browse on this tree with great avidity and rapidity, and apparently little inconvenience.

Friday, July 19.—Form of hills becoming a little different; in place of the regular table tops, peaks and rugged inequalities are making their appearance. At an hour after sunset halted in Wadey Elfoo, or Valley of Cool Breezes. This was a long and fatiguing day for us. We travelled from sunrise till near eight o'clock, and advanced twenty-nine miles without halting. The mid-day heat was oppressive; but would have been doubly so, had it not been for fine cool breezes. The heat, since we left Mourzuk, has generally been moderated by a fine breeze springing up about eight or nine in the morning, and following the sun's course. It came at times in strong puffs; and according to the state of the skin, appeared cold or hot. When per-

spiring, cold ; when dry, hot. The idea of the want of water made us perhaps more desirous of it. The distance from the one well to the other is four days, which at this season is not small.

Saturday, July 20.—Tract, almost entirely destitute of vegetation, till mid-day. Our course among low hills of sandstone and claystone. Here we arrived at a beautiful small wadey, winding among the hills ; the last, we are told, we come to, till we arrive at Ludinat. The hills are taking a more southerly direction. We were told they run a considerable distance in the Soudan road, take a bend to the eastward, and pass into the Tibboo country, and down to near Bornou. It is along these hills the Tuaricks make their ghrassies into the Tibboo country. These two nations are almost always at war, and reciprocally annoy each other by a predatory warfare, stealing camels, slaves, &c. killing only when resistance is made, and never making prisoners.

Monday, July 21.—About half an hour before sunrise, resumed our journey. We came to alum slate hills, and early in the morning passed a small conical hill called Boukra, or Father of the Foot, where the people of kafilas passing amuse themselves by hopping over it ; and he who does that best is considered least exhausted by the journey. Near this there are a few hills, among which a serpent as large as a camel is said to reside. The Targee is superstitious and credulous in the extreme ; every hill and cave has something fabulous connected with it. About mid-day entered the boundaries of the Tuarick country. It is by a small narrow pass over alum slate hills into a sterile sandy valley. At a distance the Tuarick hills, running north and south, not table-topped like those we have left, but rising in numerous peaks and cones. There are here in the vicinity a number of sand hills ; and all the valleys are bounded by low alum slate hills, and recently formed fixed sand hills. Sulphate of barytes in several places. About eight, arrived at Ludinat.

The name of the wadey is Sardalis. On a small eminence near us is an old ruinous building, foolishly thought by the people here to be of Jewish origin; although, from its structure, it is evidently Arabian. A large spring issues from the middle, and pours out water sufficient to irrigate a large space of ground. It opens into a large basin; the temperature of the water is consequently influenced by the soil and the sun's rays. Abundant crops of grain might be reared by an industrious people; but the Tuaricks are no agriculturists, and the small cultivated spots are wrought by Fezzaneers. The Tuaricks of the country have a sovereign contempt for inhabitants of cities and cultivators of ground. They look upon them all as degenerated beings. A wide-spreading tree grows near this castle, under which gold is said to be deposited. The accounts are, that the father of the present maraboot, a man renowned for his sanctity, destroyed the writings that pointed out the place. The grave of this Mahometan saint is near, and so revered, that people passing deposit what they consider superfluous; and always find it safe on their return. Thus there is not to be found a Tuarick or Arab so courageous as to violate this sanctuary. The inhabitants are thinly scattered; and we could only observe here and there a few grass houses. The water of the spring is excellent. A few sheep are in the valley, and we were able to buy a tolerably good one from the maraboot.

Thursday, July 24. Camel men long in starting; it was near seven before we were on our journey. Passed near several springs, and on the bank of one found some beautiful bog iron ore. The west side of the wadey had the appearance of a rugged sea coast, and the exposed ledges of rock, that of the beach washed by the waves. The rock is a fine grained sandstone, lying on aluminous slate, which mouldering into dust by exposure to the weather, undermines the sandstone, and gives rise to the rugged appearance. It is rendered more dreary and awful by the black colour of the external surface. At a distance we took the whole to be a basaltic formation, and were not a little de-

ceived on our examination. We entered a narrow pass with lofty rugged hills on each side; some were peaked. The black colour of almost all, with white streaks, gave them a sombre appearance. The external surface of this sandstone soon acquires a shining black like basalt: so much so, that I have several times been deceived, till I took up the specimens. The white part is from a shining white aluminous schistus, that separates into minute flakes like snow. The ground had in many places the appearance of being covered with snow. It blew a strong gale as we passed through the different windings; sand was tossed in every direction; the sky was sometimes obscured for several minutes. These, conjoined with the white of the ground and hills, brought forcibly to our minds a snow storm; but the hot wind as speedily convinced us of our error. The pass led to a valley, with a few tulloh trees; this we traversed, and soon entered on a large sandy plain, with the hills of Tadrart on the east, and the high sand hills on the west. This range has a most singular appearance; there is more of the picturesque in this than in any hills we have ever seen. Let any one imagine ruinous cathedrals and castles; these we had in every position and of every form. It will not be astonishing, that an ignorant and superstitious people should associate these with something supernatural. That is the fact; some particular demon inhabits each. The cause of the appearance is the geological structure. In the distance, there is a hill more picturesque and higher than the others, called Gassur Janoun, or Devil's Castle. Between it and the range, there is a pass through which our course lies. Hateeta dreads this hill, and has told us many strange stories of wonderful sights having been seen: these he firmly believes; and is struck with horror, when we tell him we will visit it.

Friday, July 25. Kept the range of hills in the same direction. We were much amused by the great diversity of forms. One is called the Devil's House; and when Claperton thought he perceived the smell of smoke last night, Hateeta immediately said that it was from the Devil's

House. Another is called the Chest, and under it a large sum of money is supposed to have been deposited by the ancient people, who are said to have been giants of extraordinary stature. At a considerable distance to the southward, a part of the same range is seen taking to the westward, and is continued, we are told, as far as Tuat. Another branch is said to take a bend to the southward and eastward, and join the mountain range of Fezzan. About mid-day halted in the pass between the range and Devil's Castle.

Made an excursion to Janoun. Our servant Abdullah accompanied me. He kept at a respectable distance behind. When near the hill, he said in a pitiful tone, there is no road up. I told him we would endeavour to find one. The ascent was exceedingly difficult, and so strewed with stones, that we were only able to ascend one of the eminences: there we halted, and found it would be impossible to go higher, as beyond where we were was precipice. Abdullah got more bold, when he found there was nothing more than what is to be seen in any other mountain. The geological structure the same as the range that is near. When Hatecta found I was gone, he got amazingly alarmed; and Clapperton was not able to allay his fears: he was only soothed, when I returned. He was quite astonished I had seen nothing, and began relating what had happened to others.

On the 26th, about half an hour after sunset, arrived at Ghraat; and were soon visited by a number of Hatecta's relations, one of whom was his sister. Some were much affected, and wept at the sufferings that had detained him so long from them. A number of his male relations soon came, and many of the inhabitants of the town. The ladies were a free and lively set. They were not a little pleased with the grave manner we uttered the various complimentary expressions. Hatecta was not well pleased with something that he had heard. He told us not to be afraid; for he had numerous relations. We said that fear never entered our breasts, and begged him not to be uneasy on our account.

Saturday, July 27. Early in the morning numerous visitors paid their respects to Hatecta, and were introduced in due form to us. We felt the length of time spent in salutations quite fatiguing, and so absurd in our eyes, that we could scarcely at times retain our gravity. Our visitors were mostly residents of the city, and all were decorated in their best. There was a sedateness and gravity in the appearance of all, which the dress tended greatly to augment. There were three natives of Ghadames, one of whom knew us through our worthy friend Mahomet D'Ghies; another we had seen in the house of Dr. Dickson; and the third was well acquainted with European manners, having been over at Leghorn.

In the afternoon we visited the sultan. Mats had been spread in the castle, in a small ante-chamber. The old man was seated, but rose up to receive us and welcome us to his city. He apologized for not waiting on us; but said he was sick, and had been very little out for some time. He had guinea-worm, and a cataract was forming in his eyes. He was dressed in a nearly worn-out robe, and trousers of the same colour; and round his head was wrapped an old piece of yellow coarse cloth for a turban. Notwithstanding the meanness of the dress, there was something pleasing and prepossessing in his countenance, and such a freeness as made us soon quite as much at home as if in our tents. We presented him with a sword, with which he was highly pleased. Hatecta wished it had been a burnouse; but we had none with us we considered sufficiently good. We were led away by the title, sultan. We had no idea the Tuaricks were so vain; for they used to be filling us with high notions of the wealth and greatness of the people here.

Our interview was highly interesting; and every one seemed much pleased with us. The old sultan showed us every kindness; and we had every reason to believe him sincere in his good wishes. After our visit we called at the house of Lameens, son of the kadi. He is a young man of excellent character, and universally respected. His father is now in Ghadames, arranging with some of the other prin-

cial inhabitants the affairs of the community. He had left directions with his son to show us every attention. His house was neatly fitted up, and carpets spread on a high bed, on which we seated ourselves. Several of the people who were in the castle came along with us, and by the assistance of those that could speak Arabic, we were able to keep up a tolerably good conversation. On inquiring about the Tuarick letters, we found the same sounds given them as we had before heard from others. We were here at the fountain head, but were disappointed in not being able to find a book in the Tuarick language; they told us there was not one. Some only of the Tuaricks speak the Arabic. We were the more astonished to find this, when we considered the great intercourse between them and nations that speak Arabic only.

It was near sunset before we returned to our tents, which were now tolerably clear of visitors. All had retired to pray and eat. Stewed meat, bread, and soup, were again sent us by the sultan.

In the evening Hateeta's kinswomen returned. They were greatly amused, and laughed heartily at our blundering out a few Tuarick words. It may be well supposed we were very unfit companions for the ladies, as they could speak no other language than their own, and we knew very little of it. Still, however, we got on well, and were mutually pleased. I could scarcely refrain laughing several times at the grave manner Clapperton assumed. He had been tutored by Hateeta, and fully acted up to his instructions; no Tuarick could have done better. Our friend Hateeta was anxious we should shine, and read a number of lectures to Clapperton. He is naturally lively, and full of humour. He was directed not to laugh or sing, but look as grave as possible, which Hateeta said would be sure to please the grave Tuaricks. As for myself, I had a natural sedateness, which Hateeta thought would do. The liveliness of the women, their freeness with the men, and the marked attention the latter paid them, formed a striking contrast with other Mahommedan states. Thus the day passed over

well, and we had every reason to be pleased with the demeanour of the people, and the attention they paid us.

Violent gale from the northward, which almost smothered us with sand.

About four we went to visit the spring we had heard so much about, and to make a circuit round the town. The water is contained in a large reservoir, surrounded with palm trees; and the banks are covered with rushes, except when the people go to draw water. There is not that bubbling up we saw in the spring of Shiati and Ludinat, but apparently an oozing from a large surface, as in those of Traghan. The water is clear, well tasted, and in abundance: a large extent of soil is supplied by it, through channels cut in the ground; and all the town is supplied from this place. Good water and plenty of it is a great blessing in every quarter of the globe, but much more in a hot climate. The people are sensible of it; for you hear this place and that praised for the abundance of this water, and the healthiness of its quality; and you often hear them say that it does not engender bile, as the waters of such a place. Some small spots here are really beautiful, from the diversity of scenery in a small compass. Here and there patches of grass and beds of water melons; in the edge of the water channels, fine palms loaded with ripe fruit, small squares of guffolly and cassoub, and beautiful vines clinging to the trees; in the brakes, the town and black tinted low hills. We observed platforms, of palm leaves, raised about five feet from the ground, for the purpose of sleeping, and defending the persons from scorpions, which are very common.

We now came in sight of the town, and were well pleased with the appearance. The houses neat and clean; and the mosque, finer than any thing of the kind in Fezzan. All was neat and simple. It is built at the foot of a low hill, on the summit of which the former town stood; but it, as we were told, was destroyed, and the greater part of the inhabitants, by the giving way of the portion of hill on which it was erected. The hills, composed as those about here, are very apt to fall down in large masses. Indeed, none of

the hills appear of their original height. It was not long since a large portion of a neighbouring mountain gave way, and the noise of its fall was heard at a great distance. When the melancholy event of the destruction of the town took place we could not learn.

The town is surrounded with walls, in good repair, formed of sand and whitish clay, that gives a clean and lively appearance to the whole. There is only one gate opening to the east; formerly there were more, that are now blocked up. The houses are built of the same substance as the walls, and the external form and internal arrangement the same as those of Mourzuk and other Mahomedan towns. The town appears to be about the size of Oubari, and perhaps contains about 1000 inhabitants. The burying-ground is outside the town; it is divided into two departments, one for those arrived at maturity, the other for children,—a distinction not observable in Fezzan.

In our walk we fell in with a number of females, who had come out to see us. All were free and lively, and not at all deterred by the presence of the men. Several had fine features; but only one or two could be called beautiful. Many of the natives came out of their houses as we passed along, and cordially welcomed us to their town. It was done in such a manner, that we could not but feel pleased and highly flattered.

In the evening we heard a numerous band of females singing at a distance, which was continued till near midnight. The women were principally those of the country. This custom is very common among the people, and is one of the principal amusements in the mountain recesses. Ha-tecta said they go out when their work is finished in the evening, and remain till near midnight in singing and telling stories, return home, take supper, and go to bed.

The language of the Tuaricks is harsh and guttural; but it has great strength, and is evidently expressive. That at least is the opinion we were led to form, with our imperfect knowledge. The want of books, and the little attention paid to cultivating a language, must tend to keep it in a

very imperfect state. The sedate character of the Tuarick seems to be a firm barrier against the muses. The males seldom sing; it is considered an amusement fit only for females. Their songs were described to us as sweet. We never heard one repeating any poetical lines. The people have good sound sense, and give more distinct accounts of what they have seen than I have received from the Moorish merchants. They would be a shining people, were they placed in more favourable situations. On almost every stone in places they frequent, the Tuarick characters are hewn out. It matters nothing whether the letters are written from the right to the left, or *vice versa*, or written horizontally.

LETTERS.

+	Yet.	#	Yuz.
:	Yuk.	X	Iz.
::	Yugh.	H	
:	Yow.	W	Yew.
.	A.	^	Yid.
0	Yib.	□	Yir.
o	Yes.	S	Yei.
3	Yim.	ʼ	Yigh.
3	Yish.	/	Yin.
//	Yill.		

These characters will be sufficient to enable the learned to trace the connexion of the language with others that are now extinct. Here we have no opportunity of making inquiries into this important subject.

Note. The rest of the Journal, describing their return to Mourzuk, is wholly uninteresting, and is therefore omitted.



RECENT DISCOVERIES

IN

A F R I C A.

CHAPTER I.

FROM MOURZUK TO KOUKA IN BORNOU.

ON the evening of the 29th of November we left Mourzuk, accompanied by nearly all those of the town who could muster a horse: the camels had moved early in the day, and at Zezow we found the tents pitched—there are here merely a few huts. From Zezow to Traghan there is a good high road, with frequent incrustations of salt, and we arrived there before noon. It is a clean walled town, one of the best of one hundred and nine of which Fezzan is said to boast. Traghan was formerly as rich as Mourzuk, and was the capital and residence of a sultan, who governed the eastern part of Fezzan, whose castle, in ruins, may still be seen.

A marabout, of great sanctity, is the principal person in Traghan, as his father was before him. During the reign of the present bashaw's father, when the Arab troops appeared before the town, the

then maraboot and chief went out to meet them ; and, from his own stores, paid sixty thousand dollars to prevent the property of his townspeople from being plundered. They make carpets here equal to those of Constantinople. There are some springs of good water in the gardens near the town, the only ones in Fezzan, it is said, except the tepid one at Hammam, near Sockna.

After being crammed, as it were, by the hospitality of the maraboot, we left Traghan for Maefen, an assemblage of date huts, with but one house. The road to this place lies over a mixture of sand and salt, having a curious and uncommon appearance : the surface is full of cracks, and in many places it has the effect of a new ploughed field : the clods are so hard, that it is with great difficulty they can be broken. The path by which all the animals move for some miles is a narrow space, or stripe, worn smooth, bearing a resemblance, both in hardness and appearance, to ice : near Maefen, it assumes a new and more beautiful shape, the cracks are larger, and from the sides of cavities several feet deep hang beautiful crystals, from beds of frost of the purest white *.

* The surface is of a dark colour, with here and there patches and streaks of a snowy white. It is uneven from the heaping, as it were, of large flat clods on each other : these are all hollow underneath, and have a very uneven surface, from the number of projections. What I have remarked was observed in all the salt fields we have seen. The heaping of the salty clods, and the circulation of air underneath, are phenomena attending this formation which it is difficult to explain—Are they the production of art, or of nature alone ? In the numerous gardens at Traghan,

I broke off a large mass, but the interior was as brittle as the exterior was difficult to break ; the frost work was fine salt, and fell away in flakes on being lightly shaken. It extends more than twenty miles, east and west. The water of Maefen, though strongly tintured with soda, is not disagreeable to the taste, or unwholesome.

Quitting Maefen, we quickly entered on a desert plain ; and, after a dreary fourteen hours' march for camels, we arrived at Mestoota, a *maten*, or resting-place, where the camels find some little grazing from a plant called *ahgul*. Starting at sun-rise, we had another fatiguing day over the same kind of desert, without, I think, seeing one living thing that did not belong to our *kafila*—not a bird, or even an insect : the sand is beautifully fine, round, and red. It is difficult to give the most distant idea of the stillness and beauty of a night scene on a desert of this description. The distance between the resting-places is not sufficiently great for the dread of want of water to be alarmingly felt ; and the track, though a sandy one, is well known to the guides. The burning heat of the day is succeeded by cool and refreshing breezes, and the sky ever illumined by large and

and other places left fallow, we observe, on the small scale, an appearance like this, and the earthy clods soon became strongly impregnated with salt : the degree is not comparable to what is seen in the large salt plain. The salt is of two kinds ; one a white snowy-looking efflorescence, that is often several inches thick, the other with an earthy-coloured shining surface.—W. O.

brilliant stars, or an unclouded moon. By removing the loose and pearl-like sand to the depth of a few inches, the effects of the sunbeams of the day are not perceptible, and a most soft and refreshing couch is easily formed: the ripple of the driving sand resembles that of a slow and murmuring stream, and after escaping from the myriads of flies, which day and night persecute you in the date-bound valley in which Mourzuk stands, the luxury of an evening of this description is an indescribable relief. Added to the solemn stillness, so peculiarly striking and impressive, there is an extraordinary echo in all deserts, arising probably from the closeness and solidity of a sandy soil, which does not absorb the sound. We now arrived at Gatrone. The Arabs watch for a sight of the high date trees, which surround this town, as sailors look for land; and after discovering these landmarks, they shape their course accordingly.

I here joined my companions, whom I found in a state of health but ill calculated for undertaking a long and tedious journey. During my stay at Mourzuk, I had suffered from a severe attack of fever, which had kept me for ten days in my bed; and although considerably debilitated, yet was I strong in comparison with my associates. Doctor Oudney was suffering much from his cough, and still complaining of his chest. Mr. Clapperton's ague had not left him, and Hillman had been twice attacked so violently as to be given over by the doctor. We all, however, looked forward anxiously to proceeding,

and fancied that change of scene and warmer weather would bring us all round. Gatrone is not unpleasantly situated: it is surrounded by sandhills, and mounds of earth covered with a small tree, called athali. Huts are built all round the town for the Tibboos.

Though encamped on the south side of the town, we had cold north and north-east winds, and the thermometer in the tent was from 43 to 45 in the mornings. The person of the greatest importance at Gatrone is one Hagi-el-Raschid, a large proprietor and a marabout. He is a man of very clear understanding and amiable manners, and as he uses the superstition of the people as the means of making them happy and turning them from vicious pursuits, one becomes almost reconciled to an impostor.

Much necessary arrangement had been made here by laying in a stock of dates, &c. for our long journey: and at eleven A. M. we left Gatrone. The marabout accompanied Boo-Khaloom outside the town, and having drawn, not a magic circle, but a parallelogram, on the sand, with his wand he wrote in it certain words of great import from the Koran; the crowd looking on in silent astonishment, while he assumed a manner both graceful and imposing, so as to make it impossible for any one to feel at all inclined to ridicule his motions. When he had finished repeating the fatah aloud, he invited us singly to ride through the spot he had consecrated, and, having obeyed him, we silently proceeded on our journey, without even repeating an adieu.

We passed a small nest of huts on the road, prettily situated, called El-Bahhi, from whence the women of the place followed us with songs for several miles. Having halted at Medroosa, we moved on the next morning, and leaving an Arab castle to the south-east, and some table-top hills, bearing south and by east, we arrived at Kasrowa by three in the afternoon.

Kasrowa has tumuli of some height all round the town, covered with the plant athali, and there is a well of good water: a road from hence branches off to the south-east, which goes to Kanem and Waday. It is also said to be the shortest road to Bornou; but there is a great scarcity of water*.

* Route of Mustapha L'achmar, on his expedition into Bègharmi from Kasroua:—

Gluere seghrir.

Gluere Kebir; water.

Irchad assoud.

Madrub l'oual.

Hormut l'assab, or place of reckoning

Gubbera atta wash.

L'congerba.

Aboo; small lake, always water.

Braie; another lake.

Wadey Zeidan.

Ercherdat Erner; pass between two high hills, (continuation of El Wahr).

Wadey Zou.

Zuar.

Ali ben Sidi.

Wadey Gelta; water.

Murmur; abundance of forage; a spring of water which forms two lakes, in which are fish.

On the 9th of December we were to arrive at Tegerhy ; the Arabs commenced skirmishing as soon as we came within sight of it, and kept it up in front of the town for half an hour after our arrival.

We were here to halt for a day or two, for the purpose of taking in the remainder of our dates and provisions, and never was halt more acceptable. Hillman, our carpenter, and two of our servants, were really too ill to be moved ; two of them had fevers, and one the ague. Hillman had been so weakened by previous attacks, as to be lifted on and off his mule : indeed we were all sickly. Doctor Oudney's complaint in his chest, and his cough, had gradually become worse ; and going only a few hundred yards to see a *dome* date tree so fatigued him, that, after lying down, he was obliged to return, supported by Mr. Clapperton. As our servants were all ill, one of the negro women made us a mess of kouscasou, with some preserved fat, which had been prepared in Mourzuk : it was a sorry meal, for the fat was rancid ;

Gerguf.

Subka ; water, and dome palms.

Turkee, and three other days.

Yeo Yeo ; water.

Akrow Wadey ; water.

Tunoo ; do.

Battali ; do. forage.

Aghei ; and five days, with only once water.

El Futtah.

Kanem.

Tanjour and Tangalia ; no water but the Lake Tchad.

and although tired, and not very strong, I could not refuse an invitation, about nine at night, after I had lain down to sleep, to eat camel's heart with Boo-Khaloom : it was wofully hard and tough, and I suffered the next morning from indulging too much at the feast.

The Tibboos and Arabs kept us awake half the night with their singing and dancing, in consequence of the bousafer, or feast, on entering the 'Tibboo country. Boo-Khaloom gave two camels, and we gave one. Our sick seemed to gain a little strength; we had succeeded in purchasing a sheep, and a little soup seemed to revive them much; but we feared that Hillman and one of the servants must be left behind. However distressing such an event would have been, it was impossible for men who could not sit upright on a mule to commence a journey of fifteen days over a desert, during which travellers are obliged to march from sunrise until dark.

The 12th December was a beautifully mild morning, the thermometer at eight being at 56. After breakfast, all seemed revived; but it was with pain I observed the exceeding weakness of Doctor Oudney and Hillman. I managed to get a sketch of the castle of Tegerhy from the south side of a salt pool close to the town; the entrance to which is small, low, and arched, something resembling a sally-port: within a second wall and gateway, there are loop-holes which would render the entrance by the narrow passage before mentioned extremely difficult: above

the second gateway, there is also an opening from whence missiles and firebrands, of which the Arabs formerly made great use, might be poured on the assailants. Wells of water are within the walls, and tolerably good ; and with supplies, when in a state of repair, I have no doubt Tegerhy might make a very good defence.

The sultans of Fezzan probably think that the only means of keeping these people in order is by keeping them poor. Their only produce is dates, but those are of excellent quality. No vegetables are raised here, and we could not even procure an onion. Almost every town in Africa has its charm or wonder, and Tegerhy is not without one. There is a well just outside the castle gates, the water of which, we were told most gravely, "always rose when a kafila was coming near the town! that the inhabitants always prepared what they had to sell on seeing this water increase in bulk, for it never deceived them!"—In proof of this assertion, they pointed out to me how much higher the water had been previous to our arrival than it was at the moment we were standing on the brink. This I could have explained by the number of camels that had drank at it, but I saw it was better policy to believe what every body allowed to be true : even Boo-Khaloom exclaimed, "Allah ! God is great, powerful, and wise ! How wonderful ! Oh !" Over the inner gate of the castle there is a large hole through to the gateway underneath, and they tell a story of a woman dropping from thence a stone on the head of some leader who had gained the outer

wall, giving him, by that means, the death of Abimelech in sacred history.

The situation of Tegerhy is rather pleasing than otherwise : it is surrounded by date trees, and the water is excellent ; a range of low hills extends to the eastward ; and snipes, wild-ducks, and geese, frequent the salt-pools, which are near the town. The natives are quite black, but have not the negro face : the men are slim, very plain, with high cheek bones, the negro nose, large mouth, teeth much stained by the quantity of tobacco and *trona* (or carbonate of soda) which they eat ; and even snuff, when given to them, goes directly into their mouths.

The young girls are most of them pretty, but less so than those of Gatrone. The men always carry two daggers, one about eighteen inches, and the other six inches, the latter of which is attached to a ring, and worn on the arm or wrist. A Tibboo once told me, pointing to the long one, "This is my gun ; and this," showing the smaller of the two, "is my pistol." The women make baskets and drinking-bowls of palm leaves with great neatness.

On the 13th we left Tegerhy, and proceeded on the desert : it was scattered with mounds of earth and sand, covered with athila (a plant the camels eat with avidity), and other shrubs. After travelling six miles we arrived at a well called Omah, where our tents were pitched, and here we halted three days. On the 16th, after clearing the palm trees, by which Omah is surrounded, we proceeded on the desert. About nine we had a slight shower of rain. At three

in the afternoon, we came to a halt at Ghad, after travelling ten miles. Near the wells of Omah, numbers of human skeletons, or parts of skeletons, lay scattered on the sands. Hillman, who had suffered dreadfully since leaving Tegerhy, was greatly shocked at these whitened skulls and unhallowed remains; so much so, as to want all the encouragement I could administer to him.

Dec. 17.—We continued our course over a stony plain, without the least appearance of vegetation. Coarse opal and sand-stone* strewed the path. We saw Alowere-Seghrir, a ridge of hills, bearing east by south; Alowere-El-Kebir, a still higher ridge, lies more to the east, but was not visible. These, by the accounts of the natives, are the highest mountains in the Tibboo country, with the exception of Ercherdat Erner. More to the south, the inhabitants are

* The sand of a fine cream colour: yesterday it had many particles of a black substance mixed with it.

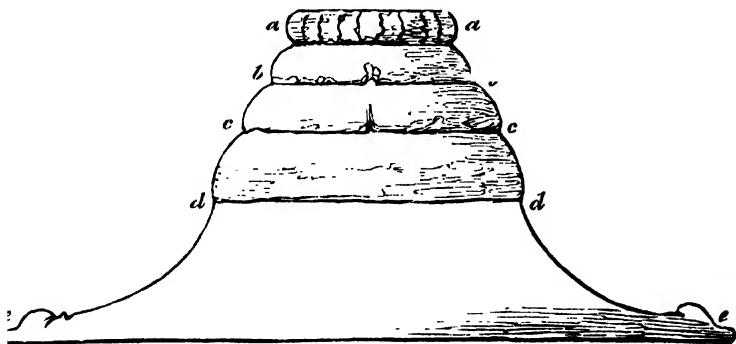
Exposed rocks, sandstone of different kinds, mostly red, and a black kind like basalt from iron; fine specimens of petrified wood; the centre, sap-vessels, and knots filled with a calcareous matter, the woody fibre changed into a siliceous substance; beautiful conical layers, and lines running like rays, from the centre to the circumference. Many columnar mounds of clay in the first basin, about ten feet high—the clay as if semi-baked: many are round, and the one we went to about thirty feet in circumference; these were probably the original height of the surface: the present form arises from the other part being washed away.

The depth of the well at Meshroo is from sixteen to twenty feet: the water good, and free from saline impregnations: the ground around is strewed with human skeletons, the slaves who have arrived exhausted with thirst and fatigue. The horrid con-

called *Tibboo-Irchad* (the Tibboos of the rocks). Through passes in both these mountains, the road

sequences of the slave trade were strongly brought to our mind; and, although its horrors are not equal to those of the European trade, still they are sufficient to call up every sympathy, and rouse up every spark of humanity. They are dragged over deserts, water often fails, and provisions scarcely provided for the long and dreary journey. The Moors ascribe the numbers to the cruelty of the Tibboo traders: there is, perhaps, too much truth in the accusation. Every few miles a skeleton was seen through the whole day; some were partially covered with sand, others with only a small mound, formed by the wind: one hand often lay under the head, and frequently both, as if in the act of compressing the head. The skin and membranous substance all shrivel up, and dry, from the state of the air: the thick muscular and internal parts only decay.

Course through basins, having low, rugged, conical hills to the eastward. The hills have a great similarity of geological structure to those of western Fezzan and Ghraat.



a b Sandstone of fine texture, of a black colour, giving it the appearance of basalt.

c Aluminous shistus.

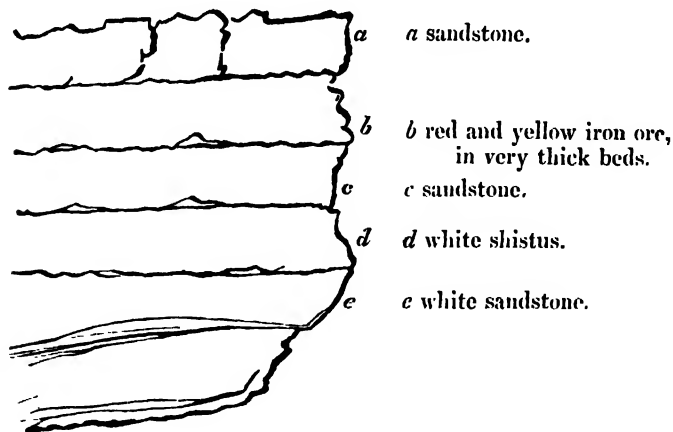
d Clay iron stone, with here and there strata of bluish clay

e Fine white sandstone, mixed with a large quantity of lime.

lies to Kanem. About sunset, we halted near a well, within a half mile of Meshroo. Round this spot

There is a fine blue, very hard stone, with slender white lime streaks, forming the surface of many of the lower grounds, evidently of recent formation. A similar formation is seen in the large sterile plain between the hills of Fezzan to the westward, and the Tuarrick range: the fine white sandstone is found deep in the same hills; the aluminous slate in abundance. The kind of sandstone, the other rocks, and similarity of appearance, show a sameness of geological structure, as far as we have gone.

From a fine pass between two of the hills, the view from above had something of the grand. A rocky and sandy space, about two hundred yards broad, bounded on each side by a high rugged black hill, below a fine level plain, with low hills in the distance. The descent of the camels fine, and accomplished without an accident.



The surface of the plain has strata of a slatiform blue stone; frequently, however, massive, and so hard as not to be scratched by iron; imbedded in it is a large quantity of periform iron ore. After traversing this plain, we ascended a low hilly range, and passed across its stony surface. From here we saw El-Wahr, or

were lying more than one hundred skeletons, some of them with the skin still remaining attached to the bones—not even a little sand thrown over them. The Arabs laughed heartily at my expression of horror, and said, “they were only blacks, *nam boo!*” (damn their fathers!) and began knocking about the limbs with the butt end of their firelocks, saying, “‘This was a woman! This was a youngster!’” and such like unfeeling expressions. The greater part of the unhappy people, of whom these were the remains, had formed the spoils of the sultan of Fezzan the year before. I was assured that they had left Bornou with not above a quarter’s allowance for each; and that more died from want than fatigue: they were marched off with chains round their necks and legs: the most robust only arrived in Fezzan in a very debilitated state, and were there fattened for the Tripoli slave market.

Our camels did not come up until it was quite dark, and we bivouacked in the midst of these unearthed remains of the victims of persecution and avarice, after a long day’s journey of twenty-six miles, in the course of which, one of our party counted 107 of these skeletons.

Dec. 19*.—Moved round a winding pass to the

Difficult: it is between two high hills. We passed many skeletons, both of human beings and camels, which always kept us in mind of the dangers we were exposed to.—W. O.

* El-Wahr. The surface sandy till we approached the hills, then it changed to stony. The black hills with cones, peaks, and

west, and after an ascent of three hundred feet descended a sandy steep to the east. This was rather a picturesque spot, looking back upon Thenea. Our road lay over a long plain with a slight ridge. A fine naga (she-camel) lay down on the road this day, as I thought from fatigue. The Arabs crowded round, and commenced unloading her, when, upon inquiry, I found that she was suddenly taken in labour: about five minutes completed the operation,—a very fine little animal was literally dragged into light. It was then thrown across another camel; and the mother, after being reloaded, followed quietly after her offspring. One of the skeletons we passed to-day had a very fresh appearance; the beard was still hanging to the skin of the face, and the features were still discernible. A merchant, travelling with the *kafila*, suddenly exclaimed, “That was my slave! I left him behind four months ago near this spot.” “Make haste! take him to the *ḥaḡ* market, said an Arab wag, “for fear any body else should claim him.” We had no water, and a most fatiguing day.

a columnar looking cap, reminded us of what we had seen before. The gloom of these places in the dusk has something grand and awful. We wended up, with the light of a moon not a quarter old, and that lessened by a cloudy sky. Some sandy and pebbly beds, as of a stream, and in one place high clayey banks, with iron ore underneath. Skeletons lay about, mangled in a shocking manner; here a leg, there an arm, fixed with their ligaments, at considerable distances from the trunk. What could have done this? Man forced by hunger, or the camels? The latter are very fond of chewing dried bones, but whether they ever do so to those with dried flesh on them, I cannot say.—W. O.

Dec. 20 was also a dreary day of most uninteresting country ; and it was 5. 30. when we arrived at the Hormut-el-Wahr. These were the highest hills we had seen since leaving Fezzan : the highest peak might be five or six hundred feet. They had a bold black appearance, and were a relief to the eye, after the long level we had quitted. We entered the pass, which is nearly two miles in width, and wound round some high hills to the south ; the path was rugged and irregular in the extreme, and bordered by bold conical and table-topped detached hills. We blundered and stumbled on until ten at night, when we found the resting-place, after a toilsome and most distressing day. We were several times foiled in our attempt to find a path into the wadey, under these hills, by which the camels might move, and where the water was. Hillman was exceedingly ill this night, and Dr. Oudney too fatigued to render him any assistance. El-Wahr is a wadey of loose gravel, and has a well of good water. This was the eighth day since our camels had tasted water : they were weak and sore-footed, from the stony nature of the passes in these hills of El-Wahr. At night it blew a hurricane.

It is three miles from where we halted to the end of the wadey ; where, to the west, there is a high hill called El-Baab. These hills extend away to the east, and form part of the range which are found near Tibesty, where they become higher and bolder. We had now a stony plain, with low hills of sand and gravel, till we reached El-Garha, which is a detached

conical hill to the west, close to our road ; and here we halted for the night *.

Dec. 22.—We moved before daylight, passing some rough sand hills, mixed with red stone, to the west, over a plain of fine gravel, and halted at the maten, called El-Hammar, close under a bluff head, which had been in view since quitting our encampment in the morning. Strict orders had been given this day for the camels to keep close up, and for the Arabs not to straggle—the Tibboo Arabs having been seen on the look out. During the last two days, we had passed on an average from sixty to eighty or ninety skeletons each day ; but the numbers that lay about the wells at El-Hammar were countless : those of two women, whose perfect and regular teeth bespoke them young, were particularly shocking ; their arms still remained clasped round each other as they had expired ; although the flesh had long since perished by being exposed to the burning rays of the sun, and the blackened bones only left : the nails of the fingers, and some of the sinews of the hand, also remained ; and part of the tongue of one of them still appeared through the teeth. We had now passed six days of desert without the slightest appearance of vegetation, and a little branch of the suag† was brought me here

* Several of our camels are drunk to-day : their eyes are heavy, and want animation ; gait staggering, and every now and then, falling as a man in a state of intoxication. It arose from eating dates after drinking water ; these probably pass into the spirituous fermentation in the stomach.—W. O.

† Capparis Sodada.

as a comfort and curiosity. On the following day we had alternately plains of sand and loose gravel, and had a distant view of some hills to the west. While I was dozing on my horse about noon, overcome by the heat of the sun, which at that time of the day always shone with great power, I was suddenly awakened by a crashing under his feet, which startled me excessively. I found that my steed had, without any sensation of shame or alarm, stepped upon the perfect skeletons of two human beings, cracking their brittle bones under his feet, and, by one trip of his foot, separating a skull from the trunk, which rolled on like a ball before him. This event gave me a sensation which it took some time to remove. My horse was for many days not looked upon with the same regard as formerly.

Dec. 24.—When the rains fall, which they do here in torrents in the season, a sort of grass quickly springs up many feet high. In passing the desert, a few remaining roots of this dried grass, which had been blown by the winds from Bodemam, were eagerly seized on by the Arabs, with cries of joy, for their hungry camels. The plain was this day covered with slight irregularities, and strewn with various coloured stones—thick beds of gypsum, stones resembling topazes, and pieces of calcareous spar, which, reflecting the rays of the setting-sun, displayed a most beautiful variety of tints. An incrustation of fine whiting lay in patches, at no great distance from the well: and soon after the sun had retired behind the hills to the west, we descended into a wadey, where about a dozen

stunted bushes (not trees) of palm marked the spot where the water was to be found. Even these miserable bushes were a great relief to the eye, after the dreary sameness of the preceding days; and at daybreak in the morning, I could not help smiling at seeing Hillman gazing at them with pleasure in his look, while he declared they reminded him of a valley near his own home in the West of England. The wells are situated under a ridge of low white hills of sandstone, called Mafrasben-Kasaretsa, where there are also beds and hills of limestone. The wells were so choked up with sand, that several cart-loads of it were removed previous to finding sufficient water; and even then the animals could not drink until near ten at night.

One of our nagas had this day her accouchement on the road; and we all looked forward to the milk which the Arabs assured us she had in abundance, and envied us not a little our morning draughts, which we were already quaffing in imagination. However, one of the “many slips between the cup and the lip” was to befall us. The poor thing suddenly fell, and as suddenly died: the exclamations of the Arabs were dreadful.—“The evil eye! the evil eye!” they all exclaimed—“She was sure to die, I knew it.”—“Well! if she had been mine, I would rather have lost a child, or three slaves!”—“God be praised! God is great, powerful, and wise! those looks of the people are always fatal.”

Dec. 25.—This was a beautiful mild morning:

the thermometer 54. at 6. 30. Our skins were here filled with water which was not disagreeable, although strongly impregnated with sulphur. The camels moved at eight. The head of a range of high hills bore west-south-west, called Tiggerindumma : they resemble in shape and structure those we had passed nearer : they extend to the west, as far as the *Arooûa*, five days hence, where there is a well ; and ten days beyond which is Ghraat. At the distance of four miles from Mafras, we came to a small wadey, where we saw the first dome date trees : they were full of fruit, though green. We continued winding amongst a nest of hills,—crossed two water-courses, in which were tulloh and dry grass (*ashub*), until seven. These hills are bold and picturesque, composed of black and coloured sandstone. No water.

Dec. 26 *.—We emerged from the hills, and broke into a plain, extending to the east as far as the eye could reach ; to the west, Tiggerindumma sweeps off, and forming nearly a semi-circle, appears again to the south, a very handsome range, though not exceeding six hundred feet at any part in height. After passing between two low ridges of dark hills,

* Our road by the side of detached hills, and several small chains, having rocky and sandy windings among them. The detached hills were mostly conical, with fine columnar tops, as if capped with basalt,—all, however, was of sandstone. The sombre appearance and solitariness of the situations, the form of the hills, and the dreariness of nature around, gave a gloomy cast to every object, which the beauty and life of a large *kafila* could not eradicate.—W. O.

we opened on a plain bounded with flat-topped and conical hills, called La Gaba. We found pieces of iron ore this day, kidney-shaped, and of various other forms. We travelled till nine at night, when some of us were nearly falling from our horses with fatigue. After a narrow stony pass, we came to a halt in a wadey called Izhya.

Here we had a gale of wind from the north-east for three days. Our tents were nearly buried in sand, and we were obliged to roll ourselves up in blankets nearly the whole time.

Dec. 30.—Izhya is called by the Tibboos Yaat. There are here four wells, which resemble troughs cut in the sand, two or three feet deep; and it is said, that by thus digging, water may be found in any part of the wadey. We were encamped nearly west of the wells, about one hundred yards between them and a raas, or head, which had been in sight for some time. This head is a land-mark to kafilas, coming in all directions, who wish to make the wadey. We passed Ametradumma about four hours; from which, to the west, is a wadey of palms, called Seggedem, with sweet water: here is generally a tribe of plundering Tibboos, who are always on the look out for small kafilas. No water.

Dec. 31.—A cold shivering morning. At 7. 30. thermometer 49., and we had a long day's march over a plain, varying but little from Izhya. The Arabs had no knowledge of the road; and the Tibboo guide was all we had to rely on. We kept on until late, when the Tibboo acknowledged he had

lost the road, that the well was not far off, but where he knew not ; we therefore halted under some low brown sandstone hills, and determined on waiting for the daylight. We lost a camel this day, from fatigue.

1823.

On the 1st January, after six miles' travelling, we came to the wadey Ikbar, and rested on the 2d. The Arabs here caught an hyæna (dhubba), and brought it to us : we, however, had no wish beyond looking at it. They then tied it to a tree, and shot at it until the poor animal was literally knocked to pieces. This was the most refreshing spot we had seen for many days ; there were dome trees loaded with fruit, though not ripe, which lay in clusters, and grass in abundance ; and I could have stayed here a week with pleasure, so reviving is the least appearance of cultivation, or rather a sprinkling of Nature's beauty, after the parching wilds of the long dreary desert we had passed.

Jan. 3.—Looking back with regret at leaving the few green branches in Ikbar, with nothing before us but the dark hills and sandy desert, we ascended slightly from the wadey, and leaving the hills of Ikbar, proceeded towards a prominent head in a low range to the east of our course, called Tummeraskumma, meaning “ you'll soon drink water ;” and about two miles in advance, we halted just under a ridge of the same hills, after making twenty-four miles. Four camels knocked up during this day's

march : on such occasions the Arabs wait, in savage impatience, in the rear, with their knives in their hands, ready, on the signal of the owner, to plunge them into the poor animal, and tear off a portion of the flesh for their evening meal. We were obliged to kill two of them on the spot ; the other two, it was hoped, would come up in the night. I attended the slaughter of one ; and despatch being the order of the day, a knife is struck in the camel's heart while his head is turned to the east, and he dies almost in an instant ; but before that instant expires, a dozen knives are thrust into different parts of the carcass, in order to carry off the choicest part of the flesh. The heart, considered as the greatest delicacy, is torn out, the skin stripped from the breast and haunches, part of the meat cut, or rather torn, from the bones, and thrust into bags, which they carry for the purpose ; and the remainder of the carcass is left for the crows, vultures, and hyænas, while the Arabs quickly follow the *kafila*.

Jan. 4.—We crossed the ridge before us by eight this morning, and proceeded between a conical hill to the east and one to the west, called *Gummaganumma*. We had a fine open space of a mile in width between these hills, and about noon we came to a large mass of dark, soft sandstone, one hundred feet in height ; about twenty yards from this stone is a rising well of water, only a few inches deep, and a sprinkling of coarse grass. Arabs call the spot “ *Irchat*,” *Tibboos*, “ *Anay*.” The sultan's army halted here two days, on its return from *Begharmi*.

The town of Anay consists of a few huts built on the top of a similar mass of stone to the one we had just left ; round the base of the rock are also habitations, but their riches are always kept aloft. The Tuaricks annually, and sometimes oftener, pay them a most destructive visit, carrying off cattle and every thing they can lay their hands on. The people on these occasions take refuge at the top of the rock ; they ascend by a rude ladder, which is drawn up after them ; and as the sides of their citadel are always precipitous, they defend themselves with their missiles, and by rolling down stones on the assailants. The people who came out to meet us had each four short spears and one long one.

Jan. 5.—The Sultan Tibboo, whose territory extends from this place to Bilma, was visiting a town to the south-west of Anay, called Kisbee, and he requested Boo-Khaloom to halt there one day, promising to proceed with him to Bilma ; we accordingly made Kisbee this day, distant five miles. Our animals got some pickings of dry grass.

Kisbee is a great place of rendezvous for all kafilas and merchants ; and it is here that the sultan always takes his tribute for permission to pass through his country. It is eight days distant from Ag-dass, twenty-four from Kashna, and, by good travelling by the nearest road, twenty-seven from Bornou*. The sultan had neither much majesty nor cleanliness

* The Tibboos were positive as to this distance, which we could scarcely credit : they must mean, however, Tuarick days, on a *maherhy*, equal to forty miles at least.

of appearance : he came to Boo-Khaloom's tent accompanied by six or seven Tibboos, some of them really hideous. They take a quantity of snuff both in their mouths and noses ; their teeth were of a deep yellow ; the nose resembles nothing so much as a round lump of flesh stuck on the face ; and the nostrils are so large, that their fingers go up as far as they will reach, in order to ensure the snuff an admission into the head. My watch, compass, and musical snuff-box, created but little astonishment ; they looked at their own faces in the bright covers, and were most stupidly inattentive to what would have excited the wonder of almost any imagination, however savage : here was the "os sublime," but the "spiritus intus," the "mens divinior," was scarcely discoverable. Boo-Khaloom gave the sultan a fine scarlet bornouse, which seemed a little to animate his stupid features. We had a dance by Tibboo-men performed in front of our tents, in the evening ; it is graceful and slow, but not so well adapted to the male as the female : it was succeeded by one performed by some free slaves from Soudan, who were living with the Tibboos, enjoying their liberty, as they said. It appears most violent exertion : one man is placed in the middle of a circle, which he endeavours to break, and each one whom he approaches throws him off, while he adds to the impetus by a leap, and ascends several feet from the ground :—when one has completed the round, another takes his place.

An Arab returned this evening, whom I had sent

the night before for the purpose of finding a poodle dog which had accompanied me from Malta, and had remained behind from fatigue the day we left Ikbar : he was unsuccessful, and said that some of the wandering Tibboos must have eaten him ; he had found marks in the sand of the footsteps of these people, and the remains of the two camels we had left on the road were carried off : he traced their steps to the east, but was afraid to follow them. It is from these wanderers that small kafilas, or single merchants, have to dread attack. Generally speaking, the regular sheikhs are satisfied by levying a tax, while these are contented with nothing short of the whole.

Jan. 6.—At seven the thermometer was 42° in the tent.—About five miles from Kisbee we left a wadey called Kilboo by the Tibboos (*T'rona*) to our left ; and coming close under the ridge of hills at a point called Ametrigamma, we proceeded to Ashenumma, which is about four miles beyond, with the high hills to the east, and a very pleasing wadey to the west, producing palm and other trees. A violent disturbance arose this morning on the road among our Arabs ; one of them having shot a ball through the shirt of another of the Magarha tribe : the sheikh of the Magarha took up the quarrel, and the man saved himself from being punished, by hanging to the stirrup-leather of my saddle. The Arab sheikh made use of some expressions in defending his man, which displeased Boo-Khaloom, who instantly knocked him off his horse, and his slaves soundly bastinadoed him.

Tiggema, near which we halted, is one of the highest points in the range, and hangs over the mud houses of the town : this point stands at the south extremity of the recess, which the hills here form, and is about four hundred feet high ; the sides are nearly perpendicular, and it is detached from the other hills by a chasm. On the approach of the 'Tuaricks the whole population flock to the top of these heights, with all their property, and make the best defence they can. The insides of some of the houses are neat and tidy ; the men are generally travelling merchants, or rather pedlers, and probably do not pass more than four months in the year with their families, for the 'Tibboos rarely go beyond Bornou to the south, or Mourzuk to the north ; they appeared light-hearted, and happy as people constantly in dread of such visitors as the 'Tuaricks can be, who spare neither age nor sex. A wadey, comparatively fertile, extends several miles parallel to the heights under which the village stands, producing dates and grass in abundance, and a salt water or trona lake is within two miles of them, in which are wild fowl. Mr. Clapperton shot two of the plover species, with spurs on their wings. A general caution was given for no person to go out of the circle after sunset.

Jan. 8 *.—Our course was still under the range of

* We passed two salt water lakes at a short distance on the west, which add much to the beauty of the scenery. There is something to-day quite cheering : large groves of palm trees, many beautiful acacias both in flower and fruit, and two fine

hills, and at five miles' distance we came to another town called Alighi, and two miles beyond that another called Tukumani : these towns were built to the south of, and sheltered by slight projections from, the hills under which they were placed. The people always came out to meet us, and when within about fifty paces of the horses, fell on their knees singing and beating a sort of drum, which always accompanies their rejoicing. To the west of both these towns is a salt lake resembling the one near Ashenumma, but rather smaller. We proceeded from hence nearly south-west, leaving the hills ; and while resting under the shade of acacia trees, which are here abundant, we had the agreeable, and to us very novel, sight of a drove of oxen : the bare idea of once more being in a country that afforded beef and pasture was consoling in the extreme, and the luxurious thought of fresh milk, wholesome food, and plenty, was most exhilarating to us all. At two we came to a halt at Dirkee. A good deal of powder was here expended in honour of the sultan, who again met us on our approach : his new scarlet bornouse was thrown over a filthy checked shirt, and his turban and cap, though once white, were rapidly approaching to the colour of the head they covered ; when, however, the next morning his majesty condescended to ask me for a

small salt lakes. The lakes are about two miles in circumference, have salt islands, and marshy borders : no salt, I believe, is taken from them. They are the abodes of a beautiful bird of the plover species.—W. O.

small piece of soap, these little negligences in his outward appearance were more easily accounted for.

We had rather a numerous assembly of females, who danced for some hours before the tents; some of their movements were very elegant, and not unlike the Greek dances as they are represented. The sultan regaled us with cheese, and ground nuts from Soudan; the former of a pleasant flavour, but so hard that we were obliged to moisten it with water previous to eating. Dirkee is of a different description from the Tibboo towns we had seen: it stands in a wadey, is a mile in circumference, and it has two trona lakes, one to the east, and the other to the west. Of this saline substance an account will be found in the Appendix. It is supposed that these lakes were caused by taking from the spot they now occupy the earth which was required for building the town, and its surrounding walls. Water, as we have before observed, is found in many parts of this country, at the depth of from six inches to six feet, and the soil near the surface, particularly in the neighbourhood of these Tibboo towns, is very powerfully impregnated by saline substances; so much so, that incrustations of pure, or nearly pure, trona are found, sometimes extending several miles. The borders of these lakes have the same appearance: they are composed of a black mud, which almost as soon as exposed to the sun and air becomes crisp like fresh dug earth in a frosty morning. In the centre of each of these lakes is a solid body or island of trona, which

the inhabitants say increases in size annually: the one in the lake to the east is probably fourteen or fifteen feet in height, and one hundred in circumference: the edges quite close to the water are solid, nor is there any appearance of mud or slime; it breaks off in firm pieces, but is easily reduced to powder*. There are several wells in the town, of tolerably good water, very slightly impregnated with the trona taste.

Dirkee, from its situation in the wadey, is more exposed to the attacks of the Tuaricks than the towns nearer the hills, and on this account, they say, it is so thinly peopled. The houses have literally nothing within them, not even a mat; and a few women and old men are the only inhabitants: the men, they said, were all on journeys, or at Kisbee, Ashenumma, or Bilma, where they go themselves after the date season. During the time we halted here the women brought us dates, fancifully strung on rushes in the shape of hearts with much ingenuity, and a few pots of honey and fat.

We halted two days. So many of Boo-Khaloom's camels had fallen on the road, that notwithstanding

* The lakes have marshy borders, and high salt islands, as if formed by man, which however are natural, and, the people say, have existed since their remembrance. The saline materials are a carbonate and muriate of soda: we saw no incrustations on the bottom or surface: at this season, the same is the case in the Bahr-Trona, in Fezzan. Each lake is not more than half or three-fourths of a mile in circumference.—W. O.

all our peaceable professions, a marauding party was sent out to plunder some maherhies, and bring them in ; an excursion that was sanctioned by the sultan, who gave them instructions as to the route they were to take. The former deeds of the Arabs are, however, still in the memory of the Tibboos, and they had therefore increased the distance between their huts and the high road by a timely striking of their tents. Nine camels of the maherhy species were brought in, but not without a skirmish : and a fresh party was despatched, which did not return at night. We were all ordered to remain loaded, and no one was allowed to quit the circle in which the tents were pitched.

On the 11th we proceeded along the wadey, where the thickly scattered mimosa trees afforded some very delightful varieties of shade. Our course was nearly two miles distant from the hills*, which are all here called Tiggema. After our march, while waiting for the coming up of the camels, the Tibboos tried their skill with the spear, and were far more expert than I

* The hills run nearly north and south, edging a little to the westward ; they have numerous small bays or recesses, which produce a fine echo ; many places with saline incrustations, and some of the large black patches like the frozen surface of a recently ploughed field. Almost all the salt formations are in low, protected situations ; the water is near ; and, often in the very centre, you have fine fresh springs.—From whence is this salt derived ? I have already suggested that the air has a powerful effect, and is a principal agent. There is no reason to believe there are large subterranean salt beds ; if these existed to any great extent, we should not have the fresh springs so prevalent.—W. O.

expected to see them; the arm is bent, and the hand not higher than the right shoulder, when they discharge the spear, in doing which, they give it a strong twist with the fingers, and as it flies it spins in the air. An old man of sixty struck a tree twice at twenty yards; and another, a powerful young man, threw the spear full eighty yards: when it strikes the ground, it sometimes bends nearly double: all who travel on foot carry two. Another weapon, which a Tibboo carries, is a sword of a very peculiar form, called hungamunga; of these they sometimes carry three or four. The Arabs, who had been out foraging, returned with thirteen camels, which they had much difficulty in bringing: the Tibboos had followed them several miles. We had patrols the whole night, who, to awaken us for the purpose of assuring us they were awake themselves, were constantly exclaiming—Balek-ho! the watch-word of the Arabs.

We had near us a well of very good water, amidst high grass and agoul. On the surface was a saline incrustation of several inches in thickness; below, a sandstone rock; and at a depth of two feet, water clear and good. We had also this day a dish of venison, one of the Arabs having succeeded in shooting two gazelles; many of which had crossed our path for the last three days. On finding a young one, only a few days old, the tawny, wily rogue, instantly lay down in the grass, imitated the cry of the young one, and as the mother came bounding towards the spot, he shot her in the throat.

On the 12th we reached Bilma*, the capital of the Tibboos, and the residence of their sultan, who, having always managed to get before and receive us,

* We had a fine wadey the greater part of the way, and many patches of saline incrustations; some exposed beds of red sandstone, containing numerous nodules of iron ore. Hills of much blacker colour; and a few have the appearance as of ruins of towns and castles on their summits. Passed three springs, like the oozings at Traghen. A large tract of black surface, as if the situation of an extensive salt bed, from which the salt had only been removed a few years; it extends more than four or five miles to the eastward, and was more than a mile across, on our road. It is black and crispy, but has none of the irregular heapings taken notice of in other salt plains.

There is another small town about two miles to the westward, of the same name. Round it are a number of mud elevations, which appear as if produced by mud volcanoes; but these are artificial, and made for the preparation of salt. I had long wished to see the extensive salt plain that afforded such copious supplies: originally, no doubt, the large spaces I have several times noticed afforded abundance, but the re-production could not keep up with the quantity taken away. Art was employed to *obtain* Nature; shallow pits were dug, which soon filled with water, and its evaporation left thick layers of salt: high embankments were raised round these, evidently to prevent currents of air. These places have much the look of our tanyards, with small pits partitioned from each other. The water is now strongly impregnated; in summer a thick crust is formed, which is the salt in use. One of these works apparently yields a large quantity of salt every year. When removed, the sordes are heaped up on the embankments. In the recesses there are many stalactites, of a beautiful white colour, which consist of muriate and carbonate of soda.

The great mystery is, the origin of the salt in all situations in which the water is near the surface, and the inclemency of the

advanced a mile from the town attended by some fifty of his men at arms, and double the number of the sex we call fair. The men had most of them bows and arrows, and all carried spears: they approached Boo-Khaloom, shaking them in the air over their heads; and after this salutation we all moved on towards the town, the females dancing, and throwing themselves about with screams and songs in a manner to us quite original. They were of a superior class to those of the minor towns; some having extremely pleasing features, while the pearly white of their regular teeth was beautifully contrasted with the glossy black of their skin, and the triangular flaps of plaited hair, which hung down on each side of their faces, streaming with oil, with the addition of the coral in the nose, and large amber necklaces, gave them a very seducing appearance. Some of them carried a sheish, a fan made of soft grass, or hair, for the purpose of keeping off the flies; others a branch of a tree, and some fans of ostrich feathers, or a branch of the date palm: all had something in their hands, which they waved over their heads as they advanced. One wrapper

water prevented by shelter. It is highly probable all this vast country was once a salt ocean; its height is nothing, considering its distance inland. What effect has the want, or almost want of rain,—for, as far as I can learn, no salt formations exist within the boundaries of the rains? There are many fine fresh springs issuing from the soil, and none of the wells are brackish; when the water, however, remains some time stagnant, it gets impregnated with saline matter.—W. O.

of Soudan tied on the top of the left shoulder, leaving the right breast bare, formed their covering, while a smaller one was thrown over the head, which hung down to their shoulders, or was thrown back at pleasure : notwithstanding the apparent scantiness of their habiliments, nothing could be farther from indelicate than was their appearance or deportment.

On arriving at Bilma, we halted under the shade of a large tulloh tree while the tents were pitching ; and the women danced with great taste, and, as I was assured by the sultan's nephew, with skill also. As they approach each other, accompanied by the slow beat of an instrument formed out of a calabash, covered with goat's skin, for a long time their movements are confined to the head, hands, and body, which they throw from one side to the other, flourish in the air, and bend without moving the feet ; suddenly, however, the music becomes quicker and louder, when they start into the most violent gestures, rolling their heads round, gnashing their teeth, and shaking their hands at each other, leaping up, and on each side, until one or both are so exhausted that they fall to the ground : another pair then take their place.

I now, for the first time, produced Captain Lyon's book in Boo-Khaloom's tent, and on turning over the prints of the natives he swore, and exclaimed, and insisted upon it, that he knew every face :—" This was such a one's slave—that was his own—he was right—he knew it. Praised be God for the talents he gave the English ! they were *shater*, clever ; *wolla shater*, very

clever!" Of a landscape, however, I found that he had not the least idea; nor could I make him at all understand the intention of the print of the sand-wind in the desert, which is really so well described by Captain Lyon's drawing: he would look at it upside down; and when I twice reversed it for him, he exclaimed, "Why! why! it is all the same." A camel or a human figure was all I could make him understand, and at these he was all agitation and delight—"Gieb! gieb! Wonderful! wonderful!" The eyes first took his attention, then the other features: at the sight of the sword, he exclaimed, "Allah! Allah!" and on discovering the guns instantly exclaimed, "Where is the powder?" This want of perception, as I imagined, in so intelligent a man, excited at first my surprise; but perhaps just the same would an European have felt under similar circumstances. Were an European to attain manhood without ever casting his eye upon the representation of a landscape on paper, would he immediately feel the particular beauties of the picture, the perspective, and the distant objects? Certainly not: it is from our opportunities of contemplating works of art, even in the common walks of life, as well as to cultivation of mind, and associations of the finer feelings by an intercourse with the enlightened and accomplished, that we derive our quick perception in matters of this kind, rather than from nature.

To the south of Bilma are marshes with pools of stagnant water, which our horses could scarcely drink.

The town stands in a hollow, and is surrounded by low mud walls, which, with the houses within, are mean and miserable. About two miles north of the town are a few huts, and near them several lakes, in which are great quantities of very pure crystallized salt; some was brought to us for sale in baskets, beautifully white, and of an excellent flavour. On visiting the two most productive lakes, which lay between low sand hills, I expressed my surprise at the difference between that which the Tibboos were carrying away from the heaps by the side of the water, and that which I had seen the day before: I however found that their time for gathering the salt was at the end of the dry season, when it was taken, in large masses, from the borders of the lake. This transparent kind they put into bags, and send to Bornou and Soudan; a coarser sort is also formed into hard pillars, and for which a ready market is found. In Soudan, a single pillar weighing eleven pounds brings four or five dollars. The Tuaricks supply themselves with salt entirely from the wadeys of the Tibboos. Twenty thousand bags of salt were said to have been carried off during the last year by the Tuaricks alone. The Tibboos say, "It is hard to rob us, not only for their own consumption, but for the purposes of commerce too; and in consequence of paying nothing for the commodity, undersell us likewise in the Soudan market." But the Tibboos must be another people before they can keep the Tuaricks from plundering their country: a nation who neither plant nor sow; whose education consists

in managing a maherhy, and the use of the spear ; and who live by plundering those around them, as well as those whom necessity or chance may lead to pass through their own country.

About a mile from Bilma is a spring of beautiful clear water, which rises to the surface of the earth, and waters a space of two or three hundred yards in circumference, which is covered with fresh grass : but passing this, the traveller must bid adieu to every appearance of vegetable production, and enter on a desert which requires thirteen days to cross. Near the first hill of sand I succeeded, with the assistance of two Arabs, in catching a small beautiful animal *, nearly white, much resembling a fox in make and shape, although not larger than a moderate-sized cat. It was of the species called fitchet : the belly was white, and the back and rest of the body of a light brown colour ; the tail was bushy like that of the fox, nearly white, and the end of the hair tipped with black.

Jan. 16.—Our road lay over loose hills of fine sand, in which the camels sank nearly knee-deep. In passing these desert wilds, where hills disappear in a single night by the drifting of the sand, and where all traces of the passage, even of a large kafilah, sometimes vanish in a few hours, the Tibboos have certain points in the dark sandstone ridges, which from time to time raise their heads in the midst of this dry ocean of sand, and form the only variety,

* *Fennecus Cordo*.

and by them they steer their course. From one of these landmarks we waded through sand formed into hills from twenty to sixty feet in height, with nearly perpendicular sides, the camels blundering and falling with their heavy loads. The greatest care is taken by the drivers in descending these banks: the Arabs hang with all their weight on the animal's tail, by which means they steady him in his descent. Without this precaution the camel generally falls forward, and, of course, all he carries goes over his head. We halted at *Kaflorum* (where the *kafila* stops), which is a nest of hills of coarse, dark sandstone: an irregular peak to the east is called Gusser, or the castle. At the end of these hills, about two miles from the road, lies a wadey called Zow Seghrir, in which grows the suag tree, and also grass. Our course was south; but we were obliged to wind round the different sand hills in order to avoid the rapid descents, which were so distressing to the camels. We bivouacked under a head called Zow (the Difficult), to the east, where we found several wells.

Jan. 18.—The sand hills were less high to-day, but the animals sank so deep, that it was a tedious day for all. Four camels of Boo-Khaloom gave in; two were killed by the Arabs, and two were left to the chance of coming up before morning. Tremendously dreary are these marches: as far as the eye can reach, billows of sand bound the prospect. On seeing the solitary foot passenger of the *kafila*, with

his water-flask in his hand, and bag of zumeeta on his head, sink at a distance beneath the slope of one of these, as he plods his way alone, hoping to gain a few paces in his long day's work, by not following the track of the camels, one trembles for his safety : —the obstacle passed which concealed him from the view, the eye is strained towards the spot in order to be assured that he has not been buried quick in the treacherous overwhelming sand.

An unfortunate merchant of Tripoli, Mohamed N'diff, who had suffered much on the road from an enlarged spleen, was here advised to undergo the operation of burning with a red-hot iron, the sovereign Arab remedy for almost every disorder : he consented ; and, previous to our move this morning, he was laid down on his back, and, while five or six Arabs held him on the sand, the rude operators burnt him on the left side, under the ribs, in three places, nearly the size of a sixpence each. The iron was again placed in the fire, and while heating, the thumbs of about a dozen Arabs were thrust in different parts of the poor man's side, to know if the pressure pained him, until his flesh was so bruised, that he declared all gave him pain : four more marks with the iron were now made near the former ones, upon which he was turned on his face, and three larger made within two inches of the back bone. One would have thought the operation was now at an end ; but an old Arab, who had been feeling his throat for some time, declared a hot iron, and a large

burn, absolutely necessary just above the collar-bone, on the same side. The poor man submitted with wonderful patience to all this mangling, and after drinking a draught of water, moved on with the camels. We made this day twenty-one miles, and halted at Chukœma, which means half way. We lost more than twenty of our camels this day, by their straying out of the path.

Jan. 20.— We were promised to find water early ; and as the animals had not drunk the night before, ~~we packed on with our horses: we were told the~~ wells were near ; but it was a long twenty miles, over loose rolling sand hills. At less than half way, we passed two hills of dark sandstone, called Geisgæ (*Dhubba*—the hyena), which had been in sight great part of yesterday ; and at 1. 30. arrived at a wadey called Dibla (*Irchat tegeel*—heavy stone). In the wadey near is a little sprinkling of rusty grass, which the animals devoured with an avidity that would have done credit to better fare. The water was extremely brackish, and strongly impregnated with trona ; but it was fresh and cool, and therefore a delightful beverage to us.

In the wadey Dibla stands a detached conical table-topped hill : the summit had a black rugged appearance from below, and was formed of a sort of bituminous earth, dry and crumbling to the touch. Under this were layers or strata of thin plates, almost resembling foil, of brittle schistose clay, of black, yellow, and green : these also crumbled on

receiving the pressure of the hand*. About ten miles from Dibla we came to Chegarub, and four

* Some curious tubular, hollow, coralliform productions were picked up in the sand: they appear of very recent formation, and evidently produced by rain and wind acting on the sand. The particles are most minute; when broken, the substance has a shining glassy appearance: some lie horizontally, but the general position is perpendicular. The external surface is rough: the size varies, both in length and circumference, from a few lines to an inch and a half in the latter, and from an inch to a foot in the former direction.

The wells are holes, about eighteen inches deep: the water has a slight taste of carbonate of soda, that was strong at first, but diminished greatly after some water had been drawn. The holes fill very fast. The saline impregnation arises, very probably, from the earth around falling, and being blown into the holes. Dibla is bounded on the north by black sandstone and quartz hills, which extend some way to the eastward; on the south by sand hills, and by a winding wadey on the east. In the middle there are several small conical hillocks with table-tops: the lower part is formed of a fine schistus of different colours, that next the base light and white; over that, green, exactly resembling large well-dried leaves of plants, which separate into the finest layers; the top is a black bituminous matter, which crumbles into small pieces by the slightest touch: these hillocks are from thirty to forty feet high, the probable height of the valley in former days; and it is not unlikely that the bituminous matter is a vegetable deposit. There are a few acacias, but so few, that we could procure no firewood, and the camels very little food.

A number of round semi-vitrified small stones were found on the sands, which the people collected to use as bullets. The mode of formation appears the same as the coralliform substances I have mentioned. These substances, in great quantities, are said to be formed after the rains that every now and then occur in this quarter.—W. O.

miles further to Kersherma, where we rested for the night. No wood nor water.

Jan. 22.—A tedious day over sandy deserts, without even the relief of a dark hill to look forward to. About sunset we came to a spot with some little sprinkling of a grass called sbeet, and some fine grass, with a flower called nisse. Made twenty-four miles, and halted at Kasama-foma, or the five trees. No wood nor water. Alarm of 'Tibboos,—all mounted and turned out.

Jan. 23.—Desert as yesterday. High sand hills*. Burmenmadua (all sand). At three in the afternoon, we arrived at an extensive wadey, called Aghadem. Here are several wells of excellent water, forage, and numbers of the tree called suag, the red berries of which are nearly as good as cranberries. We broke in on the retreats of about a hundred gazelles, who were enjoying the fertility of the valley. It was, however, with great difficulty, from their extreme shyness, that we shot one, which afforded us an ample meal. A road here branched off to the westward, leading to the Tuarick country, and

* There is grass in abundance, and small mounds covered with a tetrandrous plant, called suag: its fruit a small *drupa*, which is in great request in Bornou and Soudan, for removing sterility in females. Boo Khaloom related one instance of a female, who had been in that state eighteen years, but was cured by the fruit. It is sweetish and hot to the taste, approaching to the *Sisymbrium nasturtium*. In passing the plant, a heavy narcotic smell is always perceived.—W. O.

Soudan, but not frequented by kafilas. Aghadem is a great rendezvous, and the dread of all small kafilas and travellers. It is frequented by freebooters of all descriptions.

Jan. 24, we halted. The thermometer, in the shade of my tent, was 101°. at half-past two. The animals were all enjoying the blessings of plenty in the ravines, which ran through the range of low black hills, extending nearly north and south, quite across the valley. The camels, in particular, feasted on the small branches of the suag, of which they are fond to excess. The tracks of the hyæna had been numerous for the last three days; and last night they approached in droves quite close to our encampment.

My telescope this evening afforded great delight to Boo-Khaloom, the brother of the kadi at Mourzuk, Mohamed Abeedeen, and several others, for more than an hour. I usually passed some time every evening in Boo-Khaloom's tent, and had promised them a sight of the moon *grech* (near), for some time. One old hadje, who obtained a sight by my assistance, for he could not fix the glass on the object, after an exclamation of wonder, looked me fully in the face, spoke not a word, but walked off as fast as he could, repeating words from the Koran. This conduct, I was pleased to see, brought down the ridicule of the others, who were gratified beyond measure, and asked a hundred questions. The night was beautifully serene and clear, and the three splendid

constellations of Orion, Canis Major, and Taurus, presented a coup d'œil truly impressive and sublime.

Jan. 25.—The camels moved off soon after eight ; and we took shelter from the sun under the shade of some clumps, covered with high grass, near the wells, in order that the horses might drink at the moment of our departure. We had three or four long days to the next water ; and the camels were too much fatigued to carry more than one day's food for the horses. While we were in this situation, two Arabs, who had gone on with the camels, came galloping back, to say that they had encountered two Tibboo couriers, on their way from Bornou to Mourzuk. They soon made their appearance, mounted on maherhies, only nine days from Kouka. They brought news that the Sheikh El Kanemy, who now governed Bornou, had just returned from a successful expedition against the Sultan of Begharuni ; that he had attacked and routed a powerful tribe of Arabs, called la Sala ; and that the sultan, on hearing this, had fled as before to the south side of the Great River, amongst the Kirdies.

We proceeded on our route, which was along a continued desert ; and at sun-set halted on the sand, without either wood or water, after twenty-four miles. The courier from Bornou to Mourzuk assured us, that he should not be more than thirty days on the road from where we left him. Since Sheikh El Kanemy's residence at Kouka, couriers have occasionally passed between Bornou and Mourzuk,—a circum-

stance before that event unknown. One of Kanemy's wives and three children were in Mourzuk ; and the Bashaw, in order to secure his perfect submission, refused to allow them to leave that place. The Tibboos are the only people who will undertake this most arduous service ; and the chances are so much against both returning in safety, that one is never sent alone. The two men we had encountered were mounted on two superb maherhies, and proceeding at the rate of about six miles an hour. A bag of zumeeta (some parched corn), and one or two skins for water, with a small brass basin, and a wooden bowl, out of which they ate and drank, were all their comforts. A little meat, cut in strips and dried in the sun, called *gedeed*, is sometimes added to the store, which they eat raw ; for they rarely light a fire for the purpose of cooking, although the want of this comfort during the nights, on approaching Fezzan, where the cold winds are sometimes biting after the day's heat, is often fatal to such travellers. A bag is suspended under the tail of the maherhy, by which means the dung is preserved, and this serves as fuel on halting in the night. Without a kafila, and a sufficient number of camels to carry such indispensables as wood and water, it is indeed a perilous journey.

On the 27th we appeared gradually approaching something resembling vegetation : we had rising sands and clumps of fine grass the whole way ; and the country was not unlike some of our heaths in

England. Towards evening the trees increased greatly in number; and where we halted, the animals found abundance of food. The tulloh trees, the kossom (a very beautiful parasitical plant), and the herbage, were most refreshing to our parched feelings, although in reality they were of the most dingy green and stunted appearance. A herd of more than a hundred gazelles crossed us towards the evening; and the foot-marks of the ostrich, and some of its feathers, were discovered by the Arabs. The spot where we halted is called Geogo Balwy.

Jan. 28.—We met two 'Tibboos this day, who informed us that the 'Tuaricks had been to Kanem, eight hundred strong, and had carried off every thing from two towns. The Arabs were all anxiety to fall in with them, and rob the true rogues. The route resembled that of yesterday. Early in the day we made Beere-Kashifery. The well here was of great depth; Arabs were obliged to descend into it, and throw out several loads of sand, before any water could be drawn, and which occupied them the greater part of the night. By daylight the next morning, Mina Tahr (*the black bird*), the sheikh of the Gunda 'Tibboos, attended by three of his followers, approached the camp. Beere-Kashifery lay within his territories, and no kafilas pass without paying tribute, which, as he is absolute, sometimes amounts to half what they possess. In our case, his was a visit of respect: Boo-Khaloom received him in his tent, and clothed him in a scarlet bornouse of

coarse cloth, and a tawdry silk caftan, which was considered as a superb present. The Tibboos are smart active fellows, mounted on small horses, of great swiftness; their saddles are of wood, small and light, open along the bone of the back; the pieces of wood of which they are composed are lashed together with thongs of hide; the stuffing is camels' hair, wound and plaited, so as to be a perfect guard; the girth and stirrup leathers are also of plaited thongs, and the stirrups themselves of iron, very small and light; into these four toes only are thrust, the great toe being left to take its chance. They mount quickly, in half the time an Arab does, by the assistance of a spear, which they place in the ground, at the same time the left foot is planted in the stirrup; and thus they spring into their saddle. The bridle is light, but severe. The reins and head-stall of strips of hide, fancifully twisted and plaited.

Our camels had not finished drinking until the sun was full six fathom high, as the Arabs say; and as we were in want of fresh meat, and indeed of every thing, Mina Tahr proposed that we should go to a well nearer his people—a well, he assured us, which was never yet shown to an Arab. At eleven, therefore, on the 29th of January, we moved on, accompanied by the Tibboos, nine miles nearly south; where, about half a mile west of the road, we came to the well Duggeshcinga: here were the marks of immense herds, which had been drinking in the morning. This was a retired spot, undiscoverable

from the ordinary route of travellers, being completely hid from it by rising sand hills. Here the 'Tibboos left us, promising to return early the day after with sheep, an ox, honey, and fat. This was joyful news to persons who had not tasted fresh animal food for fourteen or fifteen days, with the exception of a little camel's flesh. We were terribly annoyed the whole of the day by a strong easterly wind, and such volumes of sand, as quite obscured the face of nature.

Jan. 30.—The wind and drifting sand were so violent, that we were obliged to keep our tents the whole day; besides this, I was more disordered than I had been since leaving Mourzuk. I found a loose shirt only the most convenient covering, as the sand could be shaken off as soon as it made a lodgment, which, with other articles of dress, could not be done, and the irritation it caused produced a soreness almost intolerable: a little oil or fat from the hand of a negress (all of whom are early taught the art of shampooing to perfection), rubbed well round the neck, loins, and back, is the best cure, and the greatest comfort, in cases of this kind; and although, from my Christian belief, I was deprived of the luxury of possessing half a dozen of these shampooing beauties, yet, by marrying my negro Barca to one of the bashaw's freed women slaves, as I had done at Sockna, I became, to a certain degree, also the master of Zerega, whose education in the castle had been of a superior kind; and she was of the

greatest use to me on these occasions of fatigue or sickness. It is an undoubted fact, and in no case probably better exemplified than in my own; that man naturally longs for attentions and support from female hands, of whatever colour or country, so soon as debility or sickness comes upon him.

Towards the evening, when the wind became hushed and the sky re-assumed its bright and truly celestial blue, the Tibboo sheikh, and about thirty of his people, male and female, returned, but their supplies were scanty for a *kasila* of three hundred persons. The sweet milk turned out nothing but sour camel's milk, full of dirt and sand, and the fat was in small quantities and very rancid. We, however, purchased a lean sheep for two dollars, which was indeed a treat. Great precaution must always be taken on procuring meat, after long abstaining from animal food: eating more than a very moderate quantity ever disorders the stomach, which is often succeeded by fever, ague, and all its attendant evils: although not gormandizers, some of us suffered from too great an indulgence in the luxuries of boiled mutton. Illness here should be the more avoided, from its being altogether of a nature different from illness elsewhere: the attacks are sudden, and render a person incapable of any exertion, leaving him in a state of weakness and debility scarcely credible to those who have not been eye-witnesses of the fact.

Some of the girls who brought the milk, &c. were really pretty as contrasted with the extreme ugliness

of the men : they were different from those of Bilma ; were more of a copper colour, with high foreheads and a sinking between the eyes : they have fine teeth, and are smaller and more delicately formed than the Tibboos who inhabit the towns. The men brought, as a present to Boo-Khaloom, two beautiful maherhies ; one of them was a most superb animal, and measured nine feet and a half from the ground to the middle of the back : they also brought a horse or two for sale. Their animals are their only riches ; and Mina Tahr told me, that their tribe had more than five thousand camels : on the milk of these animals they entirely live for six months in the year, and for the remaining half year they manage to raise from their barren soil sufficient *gussuh** (a species of millet) to satisfy their wants. Formerly, when they had little or no communication with Fezzan and Bornou, they were nearly naked, as their crops of cotton were scarcely sufficient, from the dryness and poverty of the soil, to afford them covering. Now the Kafilas bring them indigo, cotton, and ready-spun linen in strips, with which they make tobes and wrappers : for these, when they are not given as tribute, the Tibboos exchange the skins and feathers of the ostrich, with dried meat of gazelles and bullocks.

Two of the horses were very handsome, though small ; and on remarking their extreme fatness, I

* *Pennisetum Typhoideum* (Rich.).

was not a little surprised at learning that they were fed entirely on camels' milk, corn being too scarce and valuable an article for the Tibboos to spare them : they drink it both sweet and sour ; and animals in higher health and condition I scarcely ever saw. It is quite surprising with what terror these children of the desert view the Arabs, and the idea they have of their invincibility ; while they are smart active fellows themselves, and both ride and move better and quicker : but the guns ! the guns ! are their dread ; and five or six of them will go round and round a tree, where an Arab has laid down his gun for a minute, stepping on tiptoe, as if afraid of disturbing it, talking to each other in a whisper, as if the gun could understand their exclamations ; and I dare say, praying to it not to do them an injury, as fervently as ever man Friday did to Robinson Crusoe's musket.

None of the Gunda Tibboos were above the middle size, slim, well made, with sharp, intelligent, copper-coloured faces, large prominent eyes, flat noses, large mouth and teeth, regular, but stained a deep red, from the immoderate use of tobacco ; the forehead is high ; and the turban, which is a deep indigo colour, is worn high on the head, and brought under the chin and across the face, so as to cover all the lower part from the nose downwards : they have sometimes fifteen or twenty charms, in red, green, and black leather cases, attached to the folds of their turbans.

Most of them have scars on different parts of their



faces: these generally denote their rank, and are considered as an ornament. Our sheikh had one under each eye, with one more on each side of his forehead, in shape resembling a half moon. Like the Arabs of the north, their chieftainships are hereditary, provided the heir is worthy; any act of cowardice disqualifies, and the command devolves upon the next in succession. Our Gunda sheikh, Mina Tahr-ben-Soogo-Lammo, was the seventh in regular succession. This tribe is called Nafra Gunda, and are always near Beere-Kashifery.

My watch pleased him wonderfully at first; but after a little time, I found that looking at himself in the bright part of the inside of the case gave him the greatest satisfaction: they are vainer than the vainest. Mina Tahr was now habited in the finest clothes that had ever been brought to Beere-Kashifery; and what to him could be so agreeable as contemplating the reflection of his own person so decked out? I could not help giving him a small looking-glass; and he took his station in one corner of my tent for hours, surveying himself with a satisfaction that burst from his lips in frequent exclamations of joy, and which he also occasionally testified by sundry high jumps and springs into the air.

Jan. 31.—After regaining the road, we moved until noon, when our horses were watered at a well called Kanimani (or the sheep's well), where some really sweet milk was brought us in immensely large basket bottles, some holding two gallons and more.

We had drank, and acknowledged its goodness, and how grateful it was to our weak stomachs, before finding out that it was camels' milk.

No traveller in Africa should imagine that *this* he could not bear, or *that* could not be endured. It is wonderful how a man's taste conforms itself to his necessities. Six months ago, camels' milk would have acted upon us as an emetic; now we thought it a most refreshing and grateful cordial. The face of the country now improved in appearance every mile, and we passed along to-day what seemed to us a most joyous valley, smiling in flowery grasses, tulloh trees, and kossom. About mid-day, we halted in a luxurious shade, the ground covered with creeping vines of the colycinth in full blossom, which, with the red flower of the kossom that drooped over our heads, made our resting-place a little Arcadia. Towards the evening, we saw two very large black vultures (*aglou*, in Bornou), but were not near enough to shoot them; and at sun-set we pitched the tents, surrounded by forage for our horses, while the half-famished camels fed on the young branches of the tulloh. The place was called Auoul Mull (*before Mu'l*).

Feb. 1.—By three in the morning our people commenced packing, and by daylight we moved off. The herbage, almost resembling wild corn, was often up to our horses' knees. We killed to-day one of the largest serpents we had seen: it is called *liffa* by the Arabs, and its bite is said to be mortal, unless the part is instantly cut out. It is a mistaken idea, that

all the serpent tribe are called *liffa* ; this species alone bears the name : it has two horns, and is of a light brown colour. My old Choush Ghrencim had a distorted foot, which was of but little use to him except on horseback, from the bite of one of these poisonous reptiles, notwithstanding the part infected was cut out : he was for thirteen months confined to his hut, and never expected to recover.

Arabs are always on the look out for plunder : “ ’Tis my vocation, Hal ! ”—none are ashamed to acknowledge it ; but they were on this occasion to act as an escort to oppose banditti, not play the part of one. Nevertheless, greatly dissatisfied were they, at having come so far, and *done* so little : they formed small parties for reconnoitring on each side of the road, and were open-mouthed for any thing that might offer. One fellow on foot had traced the marks of a flock of sheep to a small village of tents to the east of our course, and now gave notice of the discovery he had made, but that the people had seen him, and he believed struck their tents. I felt that I should be a check upon them in the plunderings ; and Boo-Khaloom, myself, and about a dozen horsemen (with each a footman behind him), instantly started for their retreat, which lay over the hills to the east. On arriving at the spot, in a valley of considerable beauty, where these flocks and tents had been observed, we found the place quite deserted. The poor frightened shepherds had moved off with their all, knowing too well what would be their treatment

from the Naz Abiad (white people), as they call the Arabs. Their caution, however, was made the excuse for plundering them, and a pursuit was instantly determined on. "What! not stay to sell their sheep, the rogues! We'll take them now without payment." We scoured two valleys, without discovering the fugitives, and I began to hope that the Tibboos had eluded their pursuers, when, after crossing a deep ravine, and ascending the succeeding ridge, we came directly on about two hundred head of cattle, and about twenty persons, men, women, and children, with ten camels laden with their tents and other necessities, all moving off. The extra Arabs instantly slipped from behind their leaders, and with a shout rushed down the hill; part headed the cattle to prevent their escape, and the most rapid plunder I could have conceived quickly commenced. The camels were instantly brought to the ground, and every part of their load rifled: the poor women and girls lifted up their hands to me, stripped as they were to the skin, but I could do nothing for them beyond saving their lives. A sheikh and a maraboot assured me it was quite lawful (*halal*) to plunder those who left their tents instead of supplying travellers. Boon-Khaloom now came up, and was petitioned. I saw he was ashamed of the paltry booty his followers had obtained, as well as moved by the tears of the sufferers. I seized the favourable moment, and advised that the Arabs should give every thing back, and have a few sheep and an ox for a bousafer (feast):

he gave the order, and the Arabs from under their barracans threw down the wrappers they had torn off the bodies of the Tibboo women ; and I was glad in my heart, when, taking ten sheep and a fat bullock, we left these poor creatures to their fate, as, had more Arabs arrived, they would most certainly have stripped them of every thing. We halted, after dark, at a place called Mull.

Feb. 2.—Our road, as yesterday, was an extensive valley, bounded to the right and left by low hills ; about noon we descended slightly, and found ourselves in a productive plain of great extent, thickly planted with trees and underwood, not unlike a preserve in England. About an hour before sun-set, we came to what had the appearance of the bed of a lake, and here was the wished-for well of water. The horses had not drank since noon on the 31st, and although ready to drop on the road from faintness, were, on reaching the well, quite unmanageable. The name of the well was Kofei.

On the 31st, Boo-Khaloom had thought it right to send on a Tibboo with the news of our approach to the sheikh El-Kanemy, who, we understood, resided at Kouka, and one was despatched with a camel and a man of Mina Tahr : on our arrival at Kofei, the Tibboo only who had been despatched was found alone and naked ; some Tibboo Arabs, of a tribe called Wandela, had met them near the well on the preceding evening, and robbing him even to his cap,

and taking from him the letters, saying they cared not for the sheikh or Boo-Khaloom, tied him to a tree, and then left him. In this state was he found by our people ; and Mr. Clapperton coming up soon after, gave him, from his biscuit-bag, wherewithal to break his fast, after being twenty-four hours without eating. Eighteen men had stripped him, he said, and taken off the camel and Mina 'Tahr's man, who, they also said, should be ransomed, or have his throat cut. Mina 'Tahr represented these people as the worst on the road in every sense of the word : " They have no flocks," said he, " and have not more than three hundred camels, although their numbers are one thousand or more ; they live by plunder, and have no connexion with any other people. No considerable body of men can follow them ; their tents are in the heart of the desert, and there are no wells for four days in the line of their retreat. Giddy-ben-Agah is their chief, and I alone would give fifty camels for his head : these are the people who often attack and murder travellers, and small kafilas, and the Gundowy, who respect strangers, have the credit of it."

The men of Traita, with their chief, Eskou-ben-Coglu, came in the evening to welcome us : the well Kofei belongs to them ; and greatly enraged they appeared to be at the conduct of the Wandelas. This chief returned to Boo-Khaloom his letters, which, he said, " the chief of the Wandelas had sent him that

morning, begging that he would meet the *kafila* at the well, and deliver them to Boo-Khaloom : had he known then what had taken place, the slave," he said, "should have been stabled at his father's grave before he would have delivered them." Boo-Khaloom was greatly enraged ; and I was almost apprehensive that he would have revenged himself on the *Traita* chiefs. However, the *Tibboo* courier was again clothed and mounted, and once more started for Bornou. The *Traita* *Tibboos* are more important-looking fellows than the *Guinda*, but they want their quickness and activity ; they are said not to be more than eight hundred strong in males.

Feb. 3.—Our course, during the early part of the day, was due south, and through a country more thickly planted by the all-tasteful hand of bounteous Nature. We disturbed a flock of what we at first thought were deer, but they were only a large species of antelope ; they are of a deeper fawn colour, and have black and white stripes under the belly. The *Guinea* fowl were in great numbers, but extremely shy. The whole day our route lay through most pleasing forest scenery. It was near sunset when we arrived at *Mittmee*, which, in the *Bornou* language, means warm : the wells exceed fifty in number, and lie in a woody hollow, where there are clumps of the *tulloh* and other species of the *mimosa* tribe, encircled by *kosson* and various parasitical and twining shrubs, which, embracing their stems, wind to the extremities of their branches, and climb to

the very tops, when, falling over, they form weeping bowers of a most beautiful kind : it was indeed a lovely and a fair retreat.

Boo-Khaloom, myself, and about six Arabs, had ridden on in front : it was said we had lost the track, and should miss the well : the day had been oppressively hot, my companions were sick and fatigued, and we dreaded the want of water. A fine dust, arising from a light clayey and sandy soil, had also increased our sufferings : the exclamations of the Arab who first discovered the wells were indeed music to our ears ; and after satisfying my own thirst, with that of my weary animals, I laid me down by one of the distant wells, far from my companions ; and these moments of tranquillity, the freshness of the air, with the melody of the hundred songsters that were perched amongst the creeping plants, whose flowers threw an aromatic odour all around, were a relief scarcely to be described. Ere long, however, the noisy kafila, and the clouds of dust which accompanied it, disturbed me from the delightful reverie into which I had fallen.

Feb. 4.—Previously to arriving at Lari, we came upon two encampments of the Traita Tibboos, calling themselves the sheikh's people : their huts were not numerous, but very regularly built in a square, with a space left in the north and south faces of the quadrangle, for the use of the cattle. The huts were entirely of mats, which, excluding the sun, yet admitted both the light and the air. These habitations,

for fine weather, are preferable to the *bete shars* (or *tents*) of the Arabs of the north. The interior was singularly neat: clean wooden bowls, with each a cover of basket-work, for holding their milk, were hung against the wall. In the centre of the inclosure were about one hundred and fifty head of cattle feeding from cradles: these were chiefly milch cows, with calves and sheep. The Tibboos received us kindly at first, but presumed rather too much on sheikh Kanemy's protection, which they claim or throw off, it is said, as it suits their purpose. The modest request of a man, with two hundred armed Arabs, for a little milk, was refused; and ready as the Arabs are to throw down the gauntlet, a slight expression of displeasure from their leader was followed by such a rapid attack on the Tibboos, that before I could mount, half the stock was driven off, and the sheikh well bastinadoed. Boo-Khaloom was, however, too kind to injure them; and after driving their cattle for about a mile, he allowed them to return, with a caution to be more accommodating for the future. Accustomed as these people are to plunder one another, they expect no better usage from any one who visits them, provided they are strong enough, and *vice versa*; they are perfect Spartans in the art of thieving, both male and female.

An old woman, who was sitting at the door of one of the huts, sent a very pretty girl to me, as I was standing by my horse, whose massy amber necklace, greased head, and coral nose studs and ear-rings,

announced a person of no common order, to see what she could pick up ; and after gaining possession of my handkerchief and some needles, while I turned my head, in an instant thrust her hand into the pocket of my saddle-cloth, as she said, "to find some beads, for she knew I had plenty."

Another and much larger nest of the 'Traïtas lay to the east of our route, a little further on, with numerous flocks and herds. About two in the afternoon we arrived at Lari, ten miles distant from Mittimee. On ascending the rising ground on which the town stands, the distressing sight presented itself of all the female, and most of the male inhabitants, with their families, flying across the plain in all directions, alarmed at the strength of our kafilâ. Beyond, however, was an object full of interest to us, and the sight of which conveyed to my mind a sensation so gratifying and inspiring, that it would be difficult for language to convey an idea of its force or pleasure. The great lake 'Tchad, glowing with the golden rays of the sun in its strength, appeared to be within a mile of the spot on which we stood. My heart bounded within me at the prospect, for I believed this lake to be the key to the great object of our search, and I could not refrain from silently imploring Heaven's continued protection, which had enabled us to proceed so far in health and strength, even to the accomplishment of our task.

It was long before Boo-Khaloom's best endeavours could restore confidence : the inhabitants had been

plundered by the Tuaricks only the year before, and four hundred of their people butchered ; and but a few days before, a party of the same nation had again pillaged them, though partially. When, at length, these people were satisfied that no harm was intended them, the women came in numbers with baskets of gussub, gafooly, fowls, and honey, which were purchased by small pieces of coral and amber of the coarsest kind, and coloured beads. One merchant bought a fine lamb for two bits of amber, worth, I should think, about twopence each in Europe ; two needles purchased a fowl ; and a handful of salt four or five good sized fish from the lake.

Lari is inhabited by the people of Kanem, who are known by the name of Kanemboo : the women are good-looking, laughing negresses, and all but naked ; but this we were now used to, and it excited no emotions of surprise. Most of them had a square or triangular piece of silver or tin hanging at the back of the head, suspended from the hair, which was brought down, in narrow plaits, quite round the neck.

Feb. 5.—By sun-rise I was on the borders of the lake, armed for the destruction of the multitude of birds, who, all unconscious of my purpose, seemed as it were to welcome our arrival. Flocks of geese and wild ducks, of a most beautiful plumage, were quietly feeding at within half pistol shot of where I stood ; and not being a very keen or inhuman sportsman, for the terms appear to me to be synonymous, my purpose of deadly warfare was almost shaken. As I

moved towards them they only changed their places a little to the right or left, and appeared to have no idea of the hostility of my intentions. All this was really so new, that I hesitated to abuse the confidence with which they regarded me, and very quietly sat down to contemplate the scene before me. Pelicans, cranes, four and five feet in height, grey, variegated, and white, were scarcely so many yards from my side, and a bird, between a snipe and a woodcock, resembling both, and larger than either; immense spoonbills of a snowy whiteness, widgeon, teal, yellow-legged plover, and a hundred species of (to me at least) unknown water fowl, were sporting before me; and it was long before I could disturb the tranquillity of the dwellers on these waters by firing a gun.

The soil near the edges of the lake was a firm dark mud; and, in proof of the great overflowings and recedings of the waters, even in this advanced dry season, the stalks of the gussub, of the preceding year, were standing in the lake, more than forty yards from the shore. The water is sweet and pleasant, and abounds with fish; which the natives have a curious way of catching. Some thirty or forty women go into the lake, with their wrappers brought up between their legs, and tied round their middles, as I should say, by single files, and forming a line at some distance in the water, fronting the land, for it is very shallow near the edges, and absolutely charge the fish before them so close, that they are caught by the hand, or leap upon the shore. We

purchased some, and the best flavoured was a sort of bream.

A circumstance happened whilst I was on the margin of the lake, which was a further proof that the little kindnesses I had shown the Arabs were not lost upon them; and which supported my favourite position, that no people on earth are so savage, but that gentle kind treatment, with a frank and liberal manner, will gain their confidence and regard. A lamb, the most harmless thing that breathes, alarms a child who for the first time sees such an animal. I had suffered my horse to go loose, in order to approach close to the flights of birds around me, and he probably thinking the tents might afford him better fare than where I left him, first rubbed off his bridle, and then quietly returned to the encampment. About the same time one of the freed women found my bornouse, which had fallen from the saddle, and brought it to Boo-Khaloom. All this created an alarm, and it was then found out, that two boats or canoes had been seen coming from the south-east, in which direction are islands inhabited by the Biddoomah, a people who live by plundering on the main land, and carry off any thing they can pick up. This was quite enough to make Boo-Khaloom think I was already gone, or in great danger; and not only several Arab chiefs armed themselves, and mounted, to seek me, but some of the merchants also. They found me, after a long search, on the lake among the gussub stalks,

loaded with more birds than I could carry, and would scarcely believe that I had seen neither enemies nor boats. The dread which the natives appear to have of these koorie, or islanders, is almost equal to their fear of the Tuaricks; but the former are less rapacious and bloody. Their habitations are three or four days distant to the southward of east, towards the centre of the lake.

In the evening I visited the town of Lari: it stands on an eminence, and may probably contain two thousand inhabitants. The huts are built of the rush which grows by the sides of the lake, have conical tops, and look very like well-thatched stacks of corn in England. They have neat inclosures round them, made with fences of the same reed, and passages leading to them like labyrinths. In the inclosure is a goat or two, poultry, and sometimes a cow. The women were almost all spinning cotton, which grows well, though not abundantly, near the town and lake. The interior of the huts is neat: they are completely circular, with no admission for air or light, except at the door, which has a mat, hung up by way of safeguard. I entered one of the best appearance, although the owner gave me no smiles of encouragement, and followed close at my heels, with his spear and dagger in his hand. In one corner stood the bed, a couch of rushes lashed together, and supported by six poles, fixed strongly in the ground. This was covered by the skins of the tiger-cat and wild bull; round the sides were hung the wooden

bowls, used for water and milk : his tall shield rested against the wall. The hut had a division of mat-work, one half being allotted to the female part of the family. My host, however, continued to look at me with so much suspicion, and seemed so little pleased with my visit, notwithstanding all my endeavours to assure him I was a friend, that I hurried from the inhospitable door, and resumed my walk through the town.

Feb. 6.—A gratifying scene took place this morning, in the departure of nearly thirty freed slaves, natives of Kanem, who here left us for their homes, three days' journey to the eastward. I had been applied to, the night before, to intercede with Boon-Khaloom for this indulgence; for as he had heard that the sheikh was at war with some of the chiefs of Kanem, he had determined on first taking them to Bornou, for fear of their being plundered on the road of the little they had saved in slavery. These poor creatures had, however, found one or two of their countrymen at the market of Lari, who assured them of their safety on the road between that place and their homes. The good man complied with evident reluctance on their own account, and they took leave, kissing his hand, with tears and blessings. They had most of them been in the service of the bashaw, some for a term of years, and were returning to die at home at last. One poor deaf and dumb woman, whom the rapacity of Mukni, the former sultan of Fezzan, who spared neither age, sex, nor

infirmity, had induced him to march to Tripoli, had shed torrents of tears ever since she had been made acquainted, by signs, that she was to go to Bornou. She had left two children behind her ; and the third, which was in her arms when she was taken by the Arabs, had been torn from her breast after the first ten days of her journey across the desert, in order that she might keep up with the camels. Her expressive motions in describing the manner in which the child was forced from her, and thrown on the sand, where it was left to perish, while whips were applied to her, lame and worn out as she was, to quicken her tottering steps, were highly eloquent and interesting. They had all been my friends for more than five months, and to some I had rendered little services by carrying their bag of zumeeta, or salt. They were not ungrateful, and our parting had something in it affecting, which, considering negroes in the degraded light they do, seemed greatly to astonish the Arabs.

On quitting Lari, we immediately plunged into a thickly-planted forest of acacias, with high under-wood ; and at the distance of only a few hundred yards from the town, we came upon large heaps of the elephants' dung, forming hillocks three and four feet in height, and marks of their footsteps : the tracks of these animals increased as we proceeded. Part of the day our road lay along the banks of the Tchad, and the elephants' footmarks, of an immense size, and only a few hours old, were in abundance.

Whole trees were broken down, where they had fed ; and where they had reposed their ponderous bodies, young trees, shrubs, and underwood, had been crushed beneath their weight. We also killed this day an enormous snake, a species of coluber ; it was a most disgusting, horrible animal, but not however venomous. It measured eighteen feet from the mouth to the tail ; it was shot by five balls, and was still moving off, when two Arabs, with each a sword, nearly severed the head from the body. On opening the belly, several pounds of fat were found, and carefully taken off by the two native guides who accompanied us. This they pronounced a sovereign remedy for sick and diseased cattle, and much prized amongst them. Scarcely a mile further, a drove of wild red cattle, which I at first took for deer, were seen bounding to the west. I had no gun, but got extremely close to them, and found they were what the Arabs call *bugra-hammar-zahash* (red cow wild). They appeared to partake of the bullock and buffalo, with a tuft or lump on the shoulder.

We bivouacked near a small parcel of huts, called Nyagani, in a beautiful spot, so thick of wood, that we could scarcely find a clear place for our encampment. While the tents were fixing, an alarm was given of wild boars : one of our party followed the scent, and, on his return, said he had seen a lion, and near him seven gazelles. I could not, however, find from the natives, that lions were ever seen here :

numerous other animals appeared to abound, and that confirmed the opinion.

Feb. 7.—We moved for Woodie about eight, accompanied by two Arabs of Boo-Saif. I left the *kafila*, and proceeded a little to the westward, making a parallel movement with the camels. Birds of the most beautiful plumage were perched on every tree. Guinea fowls were in flocks of eighty or one hundred; and several monkeys chattered at us so impudently, that, separating one from the rest, we chased him for nearly half an hour: he did not run very fast, or straight forward, but was constantly doubling and turning, with his head over his shoulder, to see who was close to him. He was a handsome fellow, of a light brown colour, and black about the muzzle. About noon we came on a village of huts, called Barrah; and although only three in number, the natives flew in all directions. On our approaching the town, we beckoned to them, and got off our horses, for the purpose of giving them confidence, and sat down under the shade of a large tamarind tree. An old negro, who spoke a little Arabic, was the first who ventured to approach: seeing that he was not ill-treated, the others soon followed his example. I begged a little *leban* (sour milk), a most refreshing beverage after a hot ride, but none was to be found, until they were assured that I should pay for it; and at the sight of the dollar they all jumped and skipped like so many monkeys. Some biscuit,

which I carried in my saddle-cloth pocket, and now began to eat, created much astonishment, and the first to whom I gave some, refused to eat it. One, rather bolder than the rest, put a small piece into his mouth, and pronounced it good, with such extravagant gestures, that my visitors all became clamorous. I refused for a long time the man who had been suspicious at first, to the great amusement of the rest, who seemed to like the joke amazingly.

I had promised the Arabs to share with them a sheep, provided they did not help themselves, and now made signs of my wish to purchase one. Two men went off to bring, as they said, a fat one. After a short time had elapsed, during which they had been delighted with the opening and shutting of my pocket-knife, a very miserable sheep was brought to me, which they seriously endeavoured to make me understand was a very fine one. The Arabs declared it to be good for nothing; and, therefore, though unwilling to be displeased, I quickly returned my dollar to my pocket, and made a motion towards my horse. The whole tribe, to my great astonishment, shouted out, and began to push about the vender of the sheep, and dance round me. Another very fine fat sheep was now brought forward from behind the crowd: offering the other first seemed a trick, in order to try whether I should find out the lean from the fat one; and although much sagacity was not

required for this, it appeared to have raised me very much in their estimation.

The little nest of thatched huts in which they lived was most beautifully situated on a rising spot, in the midst of a rich and luxuriant, though not thick forest, about three miles to the north-east of Woodie; and the wells, which stand in a dell, thickly planted with palms (the first we had seen on this side of the desert), had troughs for more than a hundred and fifty cattle to drink at. One of the old men accompanied us, while his son carried the carcass of the sheep to Woodie, for which service he was rewarded by two coral beads, and a little snuff.

Close to the town we found the tents. Our party had made about fourteen miles, without leaving the banks of the lake at any great distance. Two elephants were seen swimming in the lake this day; and one, belonging to a drove at a distance, absolutely remained just before the kafila. Hillman had gone on in front on his mule, suffering sadly from weakness and fatigue, and had laid himself down in what appeared a delightful shade, to await the arrival of the camels, not expecting to see an elephant. He was absolutely reposing within a dozen yards of a very large one, without being aware of it; and on an Arab's striking the animal with a spear, he roared out and moved off. Poor Hillman's alarm was extreme.

Feb. 8.—On walking to the shores of the lake this

morning, soon after sunrise, I was surprised to see how the water had encroached since the day before. More than two miles of the wood was entirely overflowed—the cotton plantations were covered with water. Were the lands cleared of wood, which would not be a laborious task, as the trees are mostly tulloh, and not large, almost any thing might be produced.

Feb. 9.—The courier had been sent off a second time, after being re-clothed and re-mounted, to receive the sheikh's orders, and we were not to proceed beyond Woodie until his pleasure was known. So jealous and so suspicious are these negro princes of the encroachment of the Arabs, that divers were the speculations as to whether the sheikh would, or would not, allow them to proceed with us nearer his capital.

A weekly *fsug*, or market, was held about a mile from the town; and the women flocking from the neighbouring negro villages, mounted on bullocks, who have a thong of hide passed through the cartilage of the nose when young, and are managed with great ease, had a curious appearance: a skin is spread on the animal's back, upon which, after hanging the different articles they take for sale, they mount themselves; milk, sour and sweet, a little honey, fowls, gussub, gafooly, are amongst their wares, fat and *meloheea* (ochra), a green herb, which, with bazcen, all negroes eat voraciously, and indeed Christians too, as I afterwards found out. The men brought oxen, sheep, goats, and slaves: the latter were few in number, and in miserable condition.

Woodie is a capital, or as they say, Blad Kebir, and is governed by a sheikh, who is a cunuch, and a man of considerable importance : they appear to have all the necessaries of life in abundance, and are the most indolent people I ever met with. The women spin a little cotton, and weave it into a coarse cloth of about six inches' width ; the men either lie idling in their huts all day, or in the shade of a building, formed by four supporters and a thatched roof, which stands in an open space amongst the huts ; this is also the court of justice and place of prayers. The men are considerably above the common stature, and of an athletic make ; but have an expression of features particularly dull and heavy. The town stands about one mile west of the 'Tchad, four short days' march from Bornou. Game of all descriptions comes to within a stone's-throw of their doors, and the lake abounds with fish and water-fowl ; yet have they so little exertion, that a few fish was almost the only produce of their labour which was offered for sale.

The women, like the 'Tibboo, have a square piece of blue or white cloth tied over one shoulder, which forms their whole covering : their hair is however curiously and laboriously trained, and I observed that no one of tender years had any thing like a perfect head of hair. From childhood the head is shaved, leaving only the top covered ; the hair from hence falls down quite round from the forehead to the pole of the neck, and is then formed into one solid plait, which in front lying quite flat just over the eyes, and

behind being turned up with a little curl, has just the appearance of an old-fashioned coachman's wig in England : some of them are, however, very pretty.

Feb. 10.—I this morning went to the eastward, in order to see the extent of the forest, and also, if possible, to get a sight of the herd, of upwards of one hundred and fifty elephants, which some of the Arabs had seen the day before while their camels were feeding. I was not disappointed. I found them about six miles from the town, in the grounds annually overflowed by the waters of the lake, where the coarse grass is twice the height of a man : they seemed to cover the face of the country, and, I should think, exceeded the number I had expected to see. When the waters flow over these their pasturages, they are forced by hunger to approach the towns, and spread devastation throughout their march ; whole plantations, the hopes of the inhabitants for the next year, are sometimes destroyed in a single night. Nothing, however, more ferocious than large antelopes, with a fox and wild hog or two, was to be seen, besides elephants, although I beat every thicket. We had followed about half a dozen of these antelopes for more than three hours, who merely changed their place without ever getting out of sight, but never allowed us to get near enough to hazard a shot. When quite fatigued, I determined on making for some distant huts, and begging a little milk, sweet or sour. No knowing landlady of a country inn ever scanned the character of her customer more than did

this untaught, though cunning, negro, whom we found there. He first denied that he had any, notwithstanding the bowls were full scarcely ten paces behind him ; and then asked, what I had got to pay for it ? I had really nothing ; and after offering my pocket-handkerchief, which was returned to me as not worth any thing, I was about to depart, though ten long miles from the tents, thirsty as I was, when the Arab pointed to a needle, which was sticking in my jacket : for this and a white bead which the Arab produced, we had a bowl of fine milk and a basket of nuts, which refreshed us much ; and we returned home by the lake, where I shot two birds—one a very fine crane, and the other of the woodpecker species, and saw a flock of at least five hundred pelicans, but could not get near enough to fire at them.

The whole surface of the country for the last eighteen days had been covered with a grass* which produced a calyx so full of prickles as to annoy us almost to misery : these prickles were of the finest and most penetrating sharpness that can be imagined ; they attached to every part of our dress ; and so small were the points, that it was impossible to extract them without their breaking and leaving a part behind : if we walked, at every step we were obliged to clear them from our feet—mats, blankets, trowsers, were filled with these irritating annoyances, so that there was no getting rid of them, by day or night ;

* Pennisetum Dichotomum.

in short, no part of the body was free from them. The seed from this grass is called kashcia, and is eaten *.

Feb. 11.—Two of the sheikh's officers arrived last night, with letters, and a present of goroo nuts of Soudan : they have a pleasant bitter taste, and are much esteemed by all the Tripoli people. After eating these nuts, water has a grateful flavour, be it ever so bad : the Arabs call them the coffee of the black country. These letters pressed Boo-Khaloom to continue his march towards Kouka, with all his people—a very great proof of his confidence in the peaceable disposition of our chief. The men were clothed with a bornouse each, a turban, and a red cap ; and after giving us fifteen bullocks, six sheep, and seventeen kail of gussub, returned home, promising that fresh supplies should be prepared for his people at Yeou, two days' march nearer Bornou. It was nearly dark when we reached a town called Burwha. We had travelled at a considerable distance from the lake after the first four miles of our journey, which here sweeps off greatly to the east.

Burwha is a walled town, and the first negro one

* There is a very common grass which is grievously annoying from the prickles on its husk : it adheres to the dress, and penetrates the skin. There is not one prickle, but the calyx is studded round, and they fasten themselves like grappling irons. These prickles may be considered one of the pests of the country : there is scarcely a place free from them. Our dog Niger is unable to walk, for they have got between his toes, and are adhering to every part of his long silken hair.—W. O.

we had seen ; it may be called in this country a place of some strength ; in proof of which the inhabitants have always defied the Tuarick marauders, who never entered the town : the walls may be about thirteen or fourteen feet high, and have a dry ditch, which runs quite round them. The town probably covers an extent equal to three square miles, and contains five or six thousand inhabitants. There is a covered-way, from which the defenders lance their spears at the besiegers, and instantly conceal themselves : there are but two gates, which are nearly east and west ; and these being the most vulnerable parts for an enemy to attack, are defended by mounds of earth thrown up on each side, and carried out at least twenty yards in front of the gate, and have nearly perpendicular faces. These advanced posts are always thickly manned, and they conceive them to be a great defence to their walls : they cannot, however, calculate upon their being abandoned, as an enemy once in possession of them would so completely command the town, that from thence every part of it may be seen. Nevertheless, Burwha is a strong place, considering the means of attack which the Arabs have ; and we were much struck with its appearance.

Feb. 12.—I rode through the town early this morning, previous to our move. All the principal huts had their little inclosure, with a cow or two, some goats and fowls ; and I saw a very fine fish, apparently roasted, or broiled, carried into one of them, on which I could have breakfasted with great

pleasure. Gussub, in large baskets, and in the straw, was every where to be seen, and the women were spinning at the doors of most of the huts.

I rode nearly the whole of this day with Min Ali 'Tahar, the Gundowy Tibboo sheikh, who was accompanying us to Bornou : he had some little difference with the sheikh, of whom he was perfectly independent, and Boo-Khaloom, ever politic, undertook to make up the misunderstanding ; thereby not only showing his influence, but securing, in a manner, the future friendship of 'Tahar, whose district was always considered as the most dangerous part of the 'Tibboo country on the road to Mourzuk. 'Tahar was a sharp, intelligent fellow, spoke a little Arabic, and had often asked me many questions about my country, and my sultan ; but to-day he was more inquisitive than usual.—“ Rais Khaleel,” said he, “ what would your sultan do to Min Ali, if he was to go to England ? Would he kill me, or keep me there a prisoner ? I should like to be there for about a month.” I answered, “ Certainly neither one nor the other : he would be much more inclined to make you a handsome present, and send you back again.” Min Ali. “ Oh ! I should take him something ; but what could I give him ? nothing but the skins of a dozen ostriches, some elephants' teeth, and a lion's skin.” Ans. “ The value of the present could be of no importance to my sultan ; he would look at the intention : befriend his people—remember the Inglezi that you have seen ; and should any more ever find

their way to your tents, give them milk and sheep, and put them in the road they are going : promise me to do this, and I can almost promise you that my sultan shall send you a sword, such a one as Hatecta had on my return, without your going to England, or giving him any thing." Min Ali. " Is he such a man ? Barak Allah ! What 's his name ?" " George." " George ! Health to George ; much of it ! *Salam Ali : George Yassur*. Tell him, Min Ali Tahar wishes him all health and happiness ; that he is a Tibboo who can command a thousand spears, and fears no man. Is he liberal ? Is his heart large ? *Gulba Kebir*. Does he give presents to his people ?" " Very much so, indeed ; some of his people think him too generous." Min Ali. " By the head of my father ! *Raas el Booe* ! they are wrong ; the sultan of a great people should have a large heart, or he is unworthy of them. Who will succeed him when he dies ?" " His brother." " What is his name ?" " Frederick." " *Barak Allah* ! I hope he will be like George, *matlook*, liberal. *Salem Ali ! Frederick*. Health to Frederick ! How many wives have they ?" " No Englishman has more than one," said I. " *A gieb ! a gieb !* Wonderful ! wonderful ! why they should have a hundred." " No ! no ! we think that a sin," replied I. " Wallah ! really (literally, by G— !) why I have four now ; and I have had more than sixty. Her I like best, however, always says, one would be more lawful : she may be right. You say she is. You are a great people. I

sec you are a great people, and know every thing. I, a Tibboo, am little better than a gazelle."

The road to-day was thickly scattered with trees—saw flocks of red cattle, and killed a wild hog. The hyænas came so close to the tents last night, that a camel, which lay about a hundred yards from the enclosure, was found nearly half-eaten. A lion first made a meal on the poor animal; when the hyænas came down upon what he had left. We had fires the whole night; and notwithstanding the continued howlings which these animals kept up until daylight, our rest was but little disturbed.—Halted near a water, called Chugelarem. We had now about eleven miles to make, previous to arriving at Yeou.

13th.—Chugelarem, though said to be a branch of the Tchad, was merely a still water, increased considerably by the overflowings of that lake in the wet season: the bottom was muddy, and nowhere deeper than two feet. The camels, horses, and followers of the kafilâ, waded through it without being much above their knees: it takes a zigzag direction, going first to the east, then to the north, and then to the east again.

We proceeded south, passing several very neat negro villages; and after about eleven miles, came to a very considerable stream, called the Yeou, in some parts more than fifty yards wide, with a fine hard sandy bottom, and banks nearly perpendicular, and with a strong current running three miles and a

half in an hour to the eastward. As I expected, every one of the Arabs said this was the Nile, and that it ran into the great water the Tchad. A town of the same name stands on the south side of the river, which the inhabitants were unanimous in saying came from Soudan. It is at times double the width, and considerably deeper, and two canoes now lay upon the sand, in which the goods and passengers of kafilas passing in the wet season are conveyed across. The camels and horses swim with their heads made fast to the canoes. These canoes were of the rudest manufacture, and were formed of planks, rudely shaped by a small hatchet, and strongly fastened together by cords passed through holes bored in them, and a wisp of straw between, which they say effectually keeps out the water: they have high poops like the Grecian boats, and would hold twenty or thirty persons. The air from a running stream of clear water, and the freshness it imparted to all around, was such a relief after a march through sandy deserts, that both man and beast were in a manner renovated by its effects. The men, and even the women, bathed and washed, and the negroes swam all the horses. We here received ten bullocks by the sheikh's order, to make up the fifteen which he had directed to be given to Boo-Khaloom, and the remainder of the seventeen kail (loads) of gussub which was to accompany them.

Feb. 14.—Visited Yeou, which is a neat town of huts, walled, but not above half the size of Burwha,

and proceeded fourteen miles, when we came to a well. Here we should have remained with our tired camels and horses; but the numerous negro parties, with from two to twelve laden oxen, all said another well was *grieb* (near). Boo-Khaloom, therefore, determined on proceeding to the next *maten*, or halting-place: some of the groups were picturesque in the extreme; the women all laden with some purchase at the market, and the naked black children mounted on the tops of the loaded bullocks; and after twelve additional miles, an hour and a half after sunset, we came to a halt, but without arriving at the well. The branches of the trees hung so much over the road, and impeded the movements of the camels so greatly, that it was past ten o'clock at night before some of them came up.

Feb. 15.—We found the well, *kalietwa*, just off the road, nearly four miles nearer Bornou, and we were to push the camels on as far as possible, in order that the day after we might enter Kouka, the residence of the sheikh, in Arab form, and at an early hour. The road branched off in two directions: the one to the west led towards Kouka. Soon after this we came to a well and small town, and after sunset another; near the latter of which a Fezzaneer in the service of the sheikh met us, with a request that we would pitch our tents near a dead water called Dowergoo, a few miles further on, and remain the next day, as the huts that had been preparing were not ready. About eight we came to this piece of

still water, abounding with wild fowl, having a village near it, called Gurdawa.

Feb. 16.—Halted. Our visitors here were not very numerous, although we were not above one hour's journey from the sheikh's residence, Kouka. Various were the reports as to the opinion the sheikh formed of the force which accompanied Boon-Khaloom : all agreed, however, that we were to be received at some distance from the town, by a considerable body of troops ; both as a compliment to the bashaw, and to show his representative how well prepared he was against any attempt of those who chose to be his enemies.

One of the Arabs brought to me this day a Balearic crane ; it measured thirteen feet from wing to wing.

Feb. 17.—This was to us a momentous day, and it seemed to be equally so to our conductors. Notwithstanding all the difficulties that had presented themselves at the various stages of our journey, we were at last within a few short miles of our destination ; were about to become acquainted with a people who had never seen, or scarcely heard of, a European ; and to tread on ground, the knowledge and true situation of which had hitherto been wholly unknown. These ideas of course excited no common sensations ; and could scarcely be unaccompanied by strong hopes of our labours being beneficial to the race amongst whom we were shortly to mix ; of our laying the first stone of a work which might lead to

their civilization, if not their emancipation from all their prejudices and ignorance, and probably, at the same time, open a field of commerce to our own country, which might increase its wealth and prosperity. Our accounts had been so contradictory of the state of this country, that no opinion could be formed as to the real condition or the numbers of its inhabitants. We had been told that the sheikh's soldiers were a few ragged negroes armed with spears, who lived upon the plunder of the Black Kaffir countries, by which he was surrounded, and which he was enabled to subdue by the assistance of a few Arabs who were in his service ; and, again, we had been assured that his forces were not only numerous, but to a certain degree well trained. The degree of credit which might be attached to these reports was nearly balanced in the scales of probability ; and we advanced towards the town of Kouka in a most interesting state of uncertainty, whether we should find its chief at the head of thousands, or be received by him under a tree, surrounded by a few naked slaves.

These doubts, however, were quickly removed. I had ridden on a short distance in front of Boo-Khaloom, with his train of Arabs, all mounted, and dressed out in their best apparel ; and, from the thickness of the trees, soon lost sight of them, fancying that the road could not be mistaken. I rode still onwards, and on approaching a spot less thickly planted, was not a little surprised to see in front of

me a body of several thousand cavalry drawn up in line, and extending right and left quite as far as I could see ; and, checking my horse, I awaited the arrival of my party, under the shade of a wide-spreading acacia. The Bornou troops remained quite steady, without noise or confusion ; and a few horsemen, who were moving about in front giving directions, were the only persons out of the ranks. On the Arabs appearing in sight, a shout, or yell, was given by the sheikh's people, which rent the air : a blast was blown from their rude instruments of music equally loud, and they moved on to meet Boo-Khaloom and his Arabs. There was an appearance of tact and management in their movements which astonished me : three separate small bodies, from the centre and each flank, kept charging rapidly towards us, to within a few feet of our horses' heads, without checking the speed of their own until the moment of their halt, while the whole body moved onwards. These parties were mounted on small but very perfect horses, who stopped, and wheeled from their utmost speed with great precision and expertness, shaking their spears over their heads, exclaiming, "*Barca ! barca ! Alla hiakkum cha, alla cheraga !—Blessing ! blessing ! Sons of your country ! Sons of your country !*" and returning quickly to the front of the body, in order to repeat the charge. While all this was going on, they closed in their right and left flanks, and surrounded the little body of Arab warriors so completely, as to give the com-

pliment of welcoming them very much the appearance of a declaration of their contempt for their weakness. I am quite sure this was premeditated ; we were all so closely pressed as to be nearly smothered, and in some danger from the crowding of the horses and clashing of the spears. Moving on was impossible ; and we therefore came to a full stop : our chief was much enraged, but it was all to no purpose, he was only answered by shrieks of " Welcome !" and spears most unpleasantly rattled over our heads expressive of the same feeling. This annoyance was not however of long duration ; Barca Gana, the sheikh's first general, a negro of a noble aspect, clothed in a figured silk tobe, and mounted on a beautiful Mandara horse, made his appearance ; and, after a little delay, the rear was cleared of those who had pressed in upon us, and we moved on, although but very slowly, from the frequent impediment thrown in our way by these wild equestrians.

The sheikh's negroes, as they were called, meaning the black chiefs and favourites, all raised to that rank by some deed of bravery, were habited in coats of mail composed of iron chain, which covered them from the throat to the knees, dividing behind, and coming on each side of the horse : some of them had helmets, or rather skull-caps, of the same metal, with chin-pieces, all sufficiently strong to ward off the shock of a spear. Their horses' heads were also defended by plates of iron, brass, and silver, just leaving sufficient room for the eyes of the animal.

At length, on arriving at the gate of the town, ourselves, Boo-Khaloom, and about a dozen of his followers, were alone allowed to enter the gates; and we proceeded along a wide street completely lined with spearmen on foot, with cavalry in front of them, to the door of the sheikh's residence. Here the horsemen were formed up three deep, and we came to a stand: some of the chief attendants came out, and after a great many "Barca's! Barca's!" retired, when others performed the same ceremony. We were now again left sitting on our horses in the sun: Boo-Khaloom began to lose all patience, and swore by the bashaw's head, that he would return to the tents if he was not immediately admitted: he got, however, no satisfaction but a motion of the hand from one of the chiefs, meaning "wait patiently;" and I whispered to him the necessity of obeying, as we were hemmed in on all sides, and to retire without permission would have been as difficult as to advance. Barca Gana now appeared, and made a sign that Boo-Khaloom should dismount: we were about to follow his example, when an intimation that Boo-Khaloom was alone to be admitted again fixed us to our saddles. Another half hour at least passed without any news from the interior of the building; when the gates opened, and the four Englishmen only were called for, and we advanced to the skiffa (entrance). Here we were stopped most unceremoniously by the black guards in waiting, and were allowed, one by one only, to ascend a staircase; at the



From a Sketch by Major Denham

Engraved by F. Pindar

BODY GUARD,
THE SIKH OF HORE.

top of which we were again brought to a stand by crossed spears, and the open flat hand of a negro laid upon our breast. Boo-Khaloom came from the inner chamber, and asked "If we were prepared to salute the sheikh as we did the bashaw?" We replied "Certainly:" which was merely an inclination of the head, and laying the right hand on the heart. He advised our laying our hands also on our heads, but we replied, "the thing was impossible! we had but one manner of salutation for any body, except our own sovereign."

Another parley now took place, but in a minute or two he returned, and we were ushered into the presence of this Sheikh of Spears. We found him in a small dark room, sitting on a carpet, plainly dressed in a blue robe of Soudan and a shawl turban. Two negroes were on each side of him, armed with pistols, and on his carpet lay a brace of these instruments. Fire-arms were hanging in different parts of the room, presents from the bashaw and Mustapha L'Achmar, the sultan of Fezzan, which are here considered as invaluable. His personal appearance was prepossessing, apparently not more than forty-five or forty-six, with an expressive countenance, and a benevolent smile. We delivered our letter from the bashaw; and after he had read it, he inquired "what was our object in coming?" We answered "to see the country merely, and to give an account of its inhabitants, produce, and appearance; as our sultan was desirous of knowing every part of the globe."

His reply was, "that we were welcome! and whatever he could show us would give him pleasure: that he had ordered huts to be built for us in the town; and that we might then go, accompanied by one of his people, to see them; and that when we were recovered from the fatigue of our long journey, he would be happy to see us." With this we took our leave.

Our huts were little round mud buildings, placed within a wall, at no great distance from the residence of the sheikh: the inclosure was quadrangular, and had several divisions formed by partitions of straw mats, where nests of huts were built, and occupied by the stranger merchants who accompanied the *kafila*: one of these divisions was assigned to us, and we crept into the shade of our earthy dwellings, not a little fatigued with our *entré* and presentation.

CHAPTER II.

KOUKA.

Our huts were immediately so crowded with visitors, that we had not a moment's peace, and the heat was insufferable. Boo-Khaloom had delivered his presents from the bashaw, and brought us a message of compliment, together with an intimation that our own would be received on the following day. About noon we received a summons to attend the sheikh; and we proceeded to the palace, preceded by our negroes, bearing the articles destined for the sheikh by our government; consisting of a double-barrelled gun, by Wilkinson, with a box, and all the apparatus complete, a pair of excellent pistols in a case, two pieces of superfine broad cloth, red and blue, to which we added a set of china, and two bundles of spices.

The ceremony of getting into the presence was ridiculous enough, although nothing could be more plain and devoid of pretension than the appearance of the sheikh himself. We passed through passages lined with attendants, the front men sitting on their hams; and when we advanced too quickly, we were suddenly arrested by these fellows, who caught forcibly hold of us by the legs, and had not the crowd

prevented our falling, we should most infallibly have become prostrate before arriving in the presence. Previous to entering into the open court, in which we were received, our papouches, or slippers, were whipped off by these active though sedentary gentlemen of the chamber ; and we were seated on some clean sand on each side of a raised bench of earth, covered with a carpet, on which the sheikh was reclining. We laid the gun and the pistols together before him, and explained to him the locks, turn-screws, and steel shot-cases holding two charges each, with all of which he seemed exceedingly well pleased : the powder-flask, and the manner in which the charge is divided from the body of powder, did not escape his observation ; the other articles were taken off by the slaves, almost as soon as they were laid before him. Again we were questioned as to the object of our visit. The sheikh, however, showed evident satisfaction at our assurance that the king of England had heard of Bornou and himself ; and, immediately turning to his kaganawha (counsellor), said, “ This is in consequence of our defeating the Begharmis.” Upon which, the chief who had most distinguished himself in these memorable battles, Bagah Furby (the gatherer of horses), seating himself in front of us, demanded, “ Did he ever hear of me ?” The immediate reply of “ *Certainly*” did wonders for our cause. Exclamations were general ; and, “ Ah ! then, your king must be a great man !” was re-echoed from every side. We had no-

thing offered us by way of refreshment, and took our leave.

I may here observe, that besides occasional presents of bullocks, camel-loads of wheat and rice, leathern skins of butter, jars of honey, and honey in the comb, five or six wooden bowls were sent us, morning and evening, containing rice, with meat, paste made of barley flour, savoury but very greasy ; and on our first arrival, as many had been sent of sweets, mostly composed of curd and honey.

In England a brace of trout might be considered as a handsome present to a traveller sojourning in the neighbourhood of a stream, but at Bornou things are done differently. A camel-load of bream, and a sort of mullet, was thrown before our huts on the second morning after our arrival ; and for fear that should not be sufficient, in the evening another was sent.

We had a *fsug*, or market, in front of one of the principal gates of the town. Slaves, sheep, and bullocks, the latter in great numbers, were the principal live stock for sale. There were at least fifteen thousand persons gathered together, some of them coming from places two and three days distant. Wheat, rice, and gussub, were abundant : tamarinds in the pod, ground nuts, ban beans, ochroes, and indigo ; the latter is very good, and in great use amongst the natives to dye their tobés (shirts) and linen, stripes of deep indigo colour, or stripes of it alternately with white, being highly esteemed by

most of the Bornou women: the leaves are moistened, and pounded up altogether when they are formed into lumps, and so brought to market. Of vegetables there was a great scarcity—onions, bastard tomatoes, alone were offered for sale; and of fruits not any: a few limes, which the sheikh had sent us from his garden, being the only fruit we had seen in Bornou. Leather was in great quantities; and the skins of the large snake, and pieces of the skin of the crocodile, used as an ornament for the scabbards of their daggers, were also brought to me for sale; and butter, leban (sour milk), honey, and wooden bowls, from Soudan. The costumes of the women, who for the most part were the vendors, were various: those of Kanem and Bornou were most numerous, and the former was as becoming as the latter had a contrary appearance. The variety in costume amongst the ladies consists entirely in the head ornaments; the only difference, in the scanty covering which is bestowed on the other parts of the person, lies in the choice of the wearer, who either ties the piece of linen, blue or white, under the arms, and across the breasts, or fastens it rather fantastically on one shoulder, leaving one breast naked. The Kanem-boo women have small plaits of hair hanging down all around the head, quite to the poll of the neck, with a roll of leather or string of little brass beads in front, hanging down from the centre on each side of the face, which has by no means an unbecoming appearance: they have sometimes strings of silver

rings instead of the brass, and a large round silver ornament in front of their foreheads. The female slaves from Musgow, a large kingdom to the south-east of Mandara, are particularly disagreeable in their appearance, although considered as very trustworthy, and capable of great labour: their hair is rolled up in three large plaits, which extend from the forehead to the back of the neck, like the Bornowy; one larger in the centre, and two smaller on each side: they have silver studs in their nose, and one large one just under the lower lip of the size of a shilling, which goes quite through into the mouth; to make room for this ornament, a tooth or two is sometimes displaced.

The principal slaves are generally intrusted with the sale of such produce as the owner of them may have to dispose of; and if they come from any distance, the whole is brought on bullocks, which are harnessed after the fashion of the country, by a string or iron run through the cartilage of the nose, and a saddle of mat. The masters not unfrequently attend the *fsug* with their spears, and loiter about without interfering: purchases are mostly made by exchange of one commodity for another, or paid for by small beads, pieces of coral and amber, or the coarse linen manufactured by all the people, and sold at forty *gubka** for a dollar. Amongst other articles offered

* *Gubka*, about a yard English.

to me for sale by the people (who, if I stood still for an instant, crowded round me) was a young lion and a monkey; the latter appeared really the more dangerous of the two, and from being a degree or two lighter in complexion than his master, he seemed to have taken a decided aversion to me.

The lion walked about with great unconcern, confined merely by a small rope round his neck held by the negro, who had caught him when he was not two months old, and having had him for a period of three months, now wished to part with him: he was about the size of a donkey colt, with very large limbs, and the people seemed to go very close to him without much alarm, notwithstanding he struck with his foot the leg of one man who stood in his way, and made the blood flow copiously: they opened the ring which was formed round this noble animal as I approached; and coming within two or three yards of him, he fixed his eye upon me in a way that excited sensations I cannot describe, from which I was awakened by the fellow calling me to come nearer, at the same time laying his hand on the animal's back; a moment's recollection convinced me that there could be no more danger nearer than where I was, and I stepped boldly up beside the negro, and I believe should have laid my hand on the lion the next moment; but after looking carelessly at me, he brushed past my legs, broke the ring, and pulled his conductor away with him, overturning

several who stood before him, and bounded off to another part where there were fewer people.

Feb. 22.—Boo-Khaloom came to us this morning, after seeing the sheikh, and said, “that he had explained to him our anxiety to see every thing, and take home the skins of birds, and gather the plants that appeared most interesting to us, and to take notes of what we saw.” The sheikh’s reply was, that “we, or any of our countrymen, whom the bashaw thought proper to send, should be welcome to see any part of his dominions, but that out of them he could not suffer us at present to go.” Boo-Khaloom, who was fully aware of the ulterior objects we had in view, and whose advice I always found dictated by an anxious desire to serve us, was of the greatest use, from his intimate acquaintance with the dispositions of the people; and he was of opinion that we should, in the first instance, be satisfied with this offer of the sheikh, and not excite his suspicions, by declaring too abruptly all our intentions. Accustomed as they are to be plundered, their alarm at the sight of strangers, possessing superior powers, and superior weapons to themselves, is not to be wondered at; and when these strangers were represented to them as having come from a distance almost beyond their belief, for purposes they could not in the least comprehend the importance of, it required extreme delicacy and great management to tranquillize their minds, and obtain their confidence.

A report had gone abroad, that one of our pur-

poses was to build ships, in which we should embark on the lake, return to our own country, and then that the white people would come and destroy them all. For these reports we had, I have no doubt, to thank some of the Mourzuk merchants who had preceded us ; and whose frequent visits were as injurious to our stores as their advice would have been to our interests, had not circumstances prevented the latter from being acted upon.

Boo-Khaloom assured us "these reports had gained considerable ground, but that he had explained to the sheikh how unfounded they were ; and what we proposed doing here was what had been done during the last year by the bashaw's permission, in many parts of the regency of Tripoli."

All the Arabs, who had formed our escort, were in great glee by the report of the approach of the sultan of Begharmi, with a large force, to within four short days of Kouka. The sheikh-el-Kanemy had, in former expeditions, laid waste his whole country, each time driving the sultan from Kernuk, or the capital. On the last occasion he had destroyed, by fire, the towns which the natives had deserted, and had remained nearly three months in the country. The sultan, with all his family and slaves, had, as before, retired to the other side of a large river, to the south of his dominions, inhabited by Kaffirs or savages ; but who, nevertheless, always afforded him shelter and protection. This people were described as resembling the sands of the desert in number ; and

they had now accompanied him to revenge himself on the sheikh of Bornou. The prospect of plunder, and making slaves, which these reports held out to the Arabs, raised their spirits to such a degree, that they passed half the night in debating how their booty was to be conveyed across the desert : without remembering that their enemies were first to be conquered. A gun being merely presented, they all declared sufficient to drive away a thousand negroes. Could these poor creatures but once be made to understand the real state of an Arab's pouch, with seldom more than one or two loads of bad powder, and the little dependence to be placed in his firelock, a miserable French piece, of the original value of about twelve shillings, that misses fire at least every other time, how much more justly would they estimate the Arabs' strength !

Feb. 24.—We heard this day that the Begharmis had halted at a place called Gulphi, on hearing that Boo-Khaloom was here with a party of Arab warriors ; but it was strongly reported that the sheikh would immediately send a force into their country, in order to punish the sultan for even thinking of revenge.

Feb. 26.—Boo-Khaloom was to have seen the sheikh, in order to convince him that all, and more than the presents destined for him by our government, had been delivered to him ; and we were afterwards to see him ourselves, and request permission to

visit some of the neighbouring towns. After this interview, Boo-Khaloom came to our huts, and explained to us that the sheikh had mentioned *mérouty* to his chief attendant, that he had heard of a watch being intended for him as well as the powder, and that as he had not seen it, he was disappointed—he, however, desired us to visit him the next day. The sheikh had given all Boo-Khaloom's people a blue tobe, and himself two very handsome female slaves from Soudan, of a deep copper colour, under twenty years of age, with two others, negresses, to attend on them. We had news this day that the people of Begharmi had left Gulphi on their return home, and were about to rebuild their capital.

Feb. 27.—We attended the sheikh, about three hours before noon. He received us with considerable affability, and appeared satisfied that his presents were all delivered to him: when the explanation was given, he said nothing was necessary to secure his good will; but they told him the articles he mentioned were brought, and therefore he asked for them. Indeed, if the things had been properly delivered at first, no question, I am sure, would have arisen on the subject. He again inquired what were our wishes, and made numberless inquiries, wished that the nature of a map should be described to him, and begged that Ali (as Hillman the carpenter was called) should make some boxes for him.

We asked to see the Tchad and the Shary, both

of which waters, with the old town of Bornou, he promised us we should visit in a few days. He asked many questions about our manner of attacking a walled town; and on our explaining to him that we had guns which carried ball of twenty-four and thirty-two pounds weight, with which we breached the wall, and then carried the place by assault, his large dark eyes sparkled again, as he exclaimed, "Wonderful! wonderful!" He inquired if we had any thing with us like wild-fire, which could be thrown into a place and burn it; and was greatly disappointed on our answering in the negative. I could not help however consoling him by an assurance that what we had brought him was that which we considered as likely to be most acceptable; that before our coming he was a stranger; that now we should see what he was most in need of; and that two camel-loads of gunpowder were easier for us to send him than the like quantity of dates from Fezzan. We promised at night to show him two rockets; and we had scarcely eaten our dinner when Karawash, one of his chiefs, came to say the sheikh was impatient; there were in the town several of the hostile Shonaas, a dangerous race of Arab origin, who occupy the frontier of his kingdom, and he was anxious they should see the effect of these terrible fire-engines. Mr. Clapperton fixed them on a rest of three spears in front of the sheikh's residence, before a crowd of persons; and the shrieks of the people, both there

assembled and in their huts, were heard for some seconds after the rockets had ascended.

Feb. 28.—There was a disturbance in the camp this morning that nearly approached to direct mutiny, amongst Boo-Khaloom's Arabs. He had brought with him a very large assortment of valuable merchandize, for which there was but little sale at either Kouka or Angornow, and he was anxious to proceed to Soudan. The *tghrees*, or infantry, refused to accompany him : they said the bashaw had ordered them to come thus far with the English, and that Soudan was *bhaid* (distant), and go they would not. Some one had hinted to them that the sheikh wished to send a *ghrazzie* (marauding expedition) to Begharmi, and that Boo-Khaloom opposed such wish, as not consistent with his orders ; and their profit being greater by an expedition of plunder and cruelty than by one of peace and commerce, they preferred the east to the west. Boo-Khaloom certainly had refused to proceed on one of these marauding expeditions, much to the credit of his humanity, and highly complimentary to the English nation ; whose servant, he often assured me, he felt himself to be on this mission. The Arabs, however, knew the sheikh's wishes, and things remained in a very unsettled state.

I paid a visit this evening to Sooloo, one of the sheikh's principal Shouaas, to whom I had given a silk handkerchief in the morning : his habitation consisted of two inclosures, besides one for his two horses,

cow, and goats, and may be taken as a sample of the best residences in Kouka. In the first of these divisions was a circular hut, with a cupola top, well thatched with gussub straw, something resembling that of the Indian corn : the walls were of the same materials ; a mud wall, of about two feet high, separated one part from the rest, and here his corn was kept ; and a bench of like simple composition, at the opposite side, was his resting-place : this was covered with mats ; and his spears, and wooden bowls for water and milk, hung on pegs, completed the furniture : here was his own apartment. In the second division there were two huts, rather smaller, about ten paces from each other, in which dwelt his two wives : they were called to the door, and desired to salute me ; but on looking up, uttered a scream, and hiding their faces with their hands, crept back again so quickly, as to make me almost ashamed of my complexion.

March 1.—A few yams were sent us by the sheikh, the only ones we had seen, and a great treat they proved to us, for it was the only vegetable we had tasted for many months. A meeting took place this morning at day-break, under a large tree in front of the sheikh's residence, and in his presence, between the Arab sheikhs and Boo-Khaloom. The Arabs had appealed to him as their umpire ; and although he appeared not to take any part in their disputes, yet I thought a disposition was very apparent in him to increase the feud : he offered to mount one hundred

of the Arabs, and send one of his chiefs, under Boo-Khaloom's orders, to Begharmi, with fifteen hundred or two thousand horsemen; and great part of the produce of this expedition was to be sent as a present to the bashaw. Nothing could be more distressing than Boo-Khaloom's situation; he knew the disposition of his master too well not to feel what his fate would be, if he refused such an opportunity of taking him at least two thousand slaves,—his own inclinations led him to proceed to Soudan; but he was still anxious to avoid becoming the scourge of one people, to gratify the revenge of another. The Arabs were also divided. The people of Begharmi had, on the last expedition, nearly foiled their invaders by abandoning their towns, driving off their flocks and cattle, and obliging the sheikh's people to subsist entirely, for twenty-five days, on a little prepared paste made of flour and curd, which they always take with them to the field. This the mounted Arabs dreaded a repetition of, while the more adventurous infantry, who had nothing to trade with but their gun, and consequently nothing to lose but their lives, exclaimed loudly for the ghrazzie.

March 2.—Boo-Khaloom went this day to Birnie, for the purpose of paying his respects to the sultan, who resides there, and we accompanied him. Angornou, a very large and populous town, where the sheikh resided previous to his building Kouka, is about sixteen miles from that place, and two miles from Birnie. Boo-Khaloom took with him presents

to the amount of about one hundred and twenty dollars, but by some mistake we went empty-handed.

On our arrival at Birnie, which is a walled town, with huts of the same description as those in Kouka, and probably contains ten thousand inhabitants, we were first conducted to the gate of the sultan's mud edifice, where a few of the court were assembled to receive us ; and one, a sort of chamberlain, habited in eight or ten tobés, or shirts, of different colours, the outside one of fine white tufted silk of the manufacture of Soudan. In his hand he carried an immense staff, like a drum-major's baton, and on his head he bore a turban exceeding in size any thing of the kind we had before seen ; this was however but a trifling one to those we were destined to behold at the audience on the following morning. After salutations, *Barca l'affia el hamdulilla !* (Blessing !—Are you well ? Thank God !) which lasted for some minutes, we were conducted to some huts destined for our resting-place for the night : they were not, however, of a tempting description ; and Boo-Khaloom proposed that a large tent should be pitched any where, which would be preferable. These wishes were quickly complied with ; a large marquee was in a very short time ready for our reception, with a screen of linen running all round it, which, although it kept out the crowds of people who were assembled round the place, admitted the air, and formed a most inviting retreat from the burning sun that shone

'above us. The sultan shortly after sent word, that by sunrise the next morning he would receive us. In the evening a most plentiful, if not delicate, repast was brought to us, consisting of seventy dishes, each of which would have dined half-a-dozen persons with moderate appetites. The sultan himself sent ten, his wives thirty, and his mother thirty; and for fear the English should not eat like the Bornowy, a slave or two was loaded with live fowls for our dinner. The meats consisted of mutton and poultry, and were baked, boiled, and stewed.

March 3.—Soon after daylight we were summoned to attend the Sultan of Bornou. He received us in an open space in front of the royal residence: we were kept at a considerable distance while his people approached to within about 100 yards, passing first on horseback; and after dismounting and prostrating themselves before him, they took their places on the ground in front, but with their backs to the royal person, which is the custom of the country. He was seated in a sort of cage of cane or wood, near the door of his garden, on a seat which at the distance appeared to be covered with silk or satin, and through the railing looked upon the assembly before him, who formed a sort of semicircle extending from his seat to nearly where we were waiting. Nothing could be more absurd and grotesque than some, nay all, of the figures who formed this court. Here was all the outward show of pomp and grandeur, without one particle of the staple commodity, power, to plead its

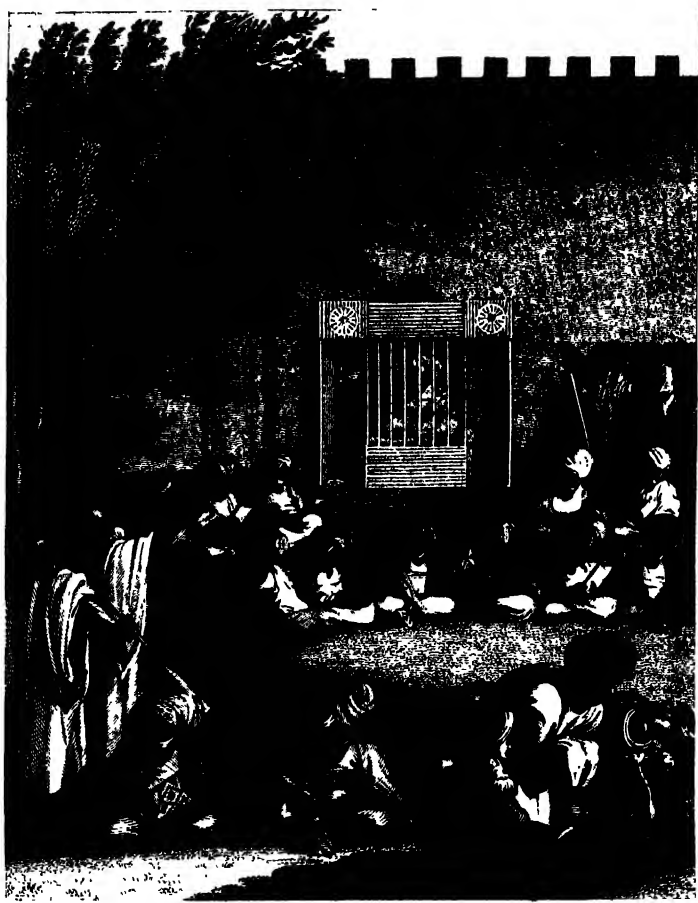


PLATE 100. THE SULTAN OF BORNOU.

Engraved in F. F. F. F.

THE SULTAN OF BORNOU

Published by John Murray London, W.

excuse ; he reigns and governs by the sufferance of the sheikh, who, to make himself more popular with all parties, amuses the sultan by suffering him to indulge in all the folly and bigotry of the ancient negro sovereigns. Large bellies and large heads are indispensable for those who serve the court of Bornou ; and those who unfortunately possess not the former by nature, or on whom lustiness will not be forced by cramming, make up the deficiency of protuberance by a wadding, which, as they sit on the horse, gives the belly the curious appearance of hanging over the pommel of the saddle. The eight, ten, and twelve shirts, of different colours, that they wear one over the other, help a little to increase this greatness of person : the head is enveloped in folds of muslin or linen of various colours, though mostly white, so as to deform it as much as possible ; and those whose turbans seemed to be the most studied had the effect of making the head appear completely on one side. Besides this they are hung all over with charms, inclosed in little red leather parcels, strung together ; the horse, also, has them round his neck, in front of his head, and about the saddle.

When these courtiers, to the number of about two hundred and sixty or three hundred, had taken their seats in front of the sultan, we were allowed to approach to within about pistol-shot of the spot where he was sitting, and desired to sit down ourselves, when the ugliest black that can be imagined, his

chief eunuch, the only person who approached the sultan's seat, asked for the presents. Boo-Khaloom's were produced, inclosed in a large shawl, and were carried unopened to the presence. Our glimpse was but a faint one of the sultan, through the lattice-work of his pavilion, sufficient however to see that his turban was larger than any of his subjects', and that his face, from the nose downwards, was completely covered. A little to our left, and nearly in front of the sultan, was an extempore declaimer shouting forth praises of his master, with his pedigree; and near him one who bore the long wooden frumfrum, on which he ever and anon blew a blast, loud and unmusical. Nothing could be more ridiculous than the appearance of these people squatting down in their places, tottering under the weight and magnitude of their turbans and their bellies, while the thin legs that appeared underneath but ill accorded with the bulk of the other parts.

Immediately after this ceremony we took our departure for Angornou, which is the largest and most populous town of Bornou, and is situated a few miles from the Tchad. This town contains at least thirty thousand inhabitants: it is large and straggling, but not walled. The huts are also larger and more commodious than those of Kouka; some of them having four mud walls, and two chambers. All our friends the merchants, who had accompanied the kafila from Tripoli and Mourzuk, had removed here, after paying their respects to the sheikh at

Kouka, this being the *fsug*, or market town : they visited us immediately on our arrival. The only traders to Soudan are Moors. I found here a native of Loggun, who had just returned from Sennaar ; he had been, however, two years on the journey. This man I was extremely anxious to see, but he was purposely moved away ; and when, on the following day, I followed him to Kouka, he sent me word, that until he had seen the sheikh he dared not come to the hut.

The public market day is on a Wednesday, and attended sometimes by eighty or a hundred thousand persons, as the natives say, in peaceable times ; but there was a very good market this day in an open space in the centre of the town, which is held every evening. Fish, flesh, and fowls, were in abundance, dressed and undressed, and tomatas, and onions, but no other vegetables.—Again my excessive whiteness became a cause of both pity and astonishment, if not disgust : a crowd followed me through the market, others fled at my approach ; some of the women oversetting their merchandize, by their over anxiety to get out of my way ; and although two of them were so struck with astonishment as to remain fixed to the spot, unconscious of the escape of their companions, they no sooner perceived me quite close to them, than they too ran off irresistibly affrighted. The day had been insufferably hot, and the night was little less so : indeed I think Kouka the better

air of the two. I preferred this night sleeping in the open air.

March 4.—Linen is so cheap that most of the males in Angornou indulge in the luxury of a shirt and a pair of trowsers: several beggars stood near the fsug, and holding the remains of an old pair of the latter in their hand, while they held up their shirt, in proof of their assertion, kept exclaiming, “ But breeches, there are none! But breeches, there are none!” This novel mode of drawing the attention of the passers-by so amused me, that I could not help laughing outright.

The principal demand at Angornou was for amber and coral; a large round piece of the former brought four dollars in money, and a string, eighty or one hundred. Pieces of brass and copper were also much sought after: all other kinds of merchandize were paid for in slaves or tobés; but these brought money, and were readily sold. The inhabitants are mostly Bornowy. The strangers, however, are numerous; and many Tibboos and Kanemboos reside here for certain months in the year. The men are well grown, but not so well-looking as the people of Kanem: the large mouth, and thick lips, are strikingly ugly features; the men’s heads are, in general, closely shaved, and those of the lower orders uncovered. The only persons armed near the sultan’s person were some hundreds of negroes, in blue tobés, who were outside the court circle. These bore

immense clubs, with a large round head : bows and arrows were slung at their backs, and a short dagger placed along the inside of the right arm. A footman, in attendance on a chief mounted, ran behind him, carrying four spears.

March 5.—I had proposed making an excursion, for a few days, to a large river to the southward of Kouka, called the Shary, as the only way to gain authentic information as to its course ; and Dr. Oudney wished to accompany me. We were, however, obliged to put off our journey, first, in consequence of his illness, and, secondly, from the unsettled state of Boo-Khaloom's affairs with the Arabs. Boo-Khaloom paid us a visit after seeing the sheikh ; and from what I could gather, although nothing was freely communicated, the probability of the ghrazzie increased. Hillman had made two wooden boxes for the sheikh, the workmanship of which surprised him exceedingly, and, during our absence, he had sent for him, and requested he would commence making a sort of litter, to go between two camels, or mules, such as he had heard were used by the sultans of Fezzan : our carpenter very frankly said, that any thing he could do should be done with pleasure, but he could not work in the sun, and that a shed must be built for him, and wood must be found for him, as he had seen none in the country that would make the keel of a jolly-boat. As much as was necessary of this reply was interpreted to the sheikh, who promised him that negroes should make mats directly

for his shed, and that others should go into the wood and bring the largest trees they could find ; and in the evening a present came for the carpenter of wheat, rice, honey, and butter.

March 6.—The sheikh sent this morning to say, that he wished for some of our rockets, in order that the Shouaas, his enemies, might see what the English had brought him. On Monday, the day of the *fsug* or market, when they would be in the town, we promised him six ; but reminded him, at the same time, that we had but few, and that here we could make no more. He also sent a very fine young lion, about three months old, not above half the size of that I had seen before : this was a very tame good-natured fellow, and I could not help regretting the necessity we were under of refusing him a corner of our huts, as he was ordered to be immediately killed in consequence of our declining to accept him.

March 7.—Doctor Oudney's illness increased, and he had daily fits of the *ague*, which, in his weak state, became alarming. I had made it my business, as I thought it my duty, to cultivate the friendship and good-will of Boo-Khaloom, and by his means I hoped to be made acquainted with the sheikh's real intentions towards us. The man of Loggun, who had returned from Senaar, I used every means to get a sight of, but I found it impossible, and he sent me word privately that he dared not come.

March 8 and 9.—Both these days the numbers of persons who crowded my hut, from morning to

night, were greater, and consequently their visits more pestering than common. Every little thing, from the compass to the pen and ink, from the watch to the tin cup out of which I drank, excited their curiosity; and as they now became bolder, they seized hold of every thing which they formerly only eyed at a distance. It was not, however, their curiosity alone that was excited—the possession was coveted, either for themselves or the sheikh, of every article: a looking-glass, and a small lantern, I rescued out of the hands of at least a dozen, a dozen times. A copy of Captain Lyon's book, the fame of which had preceded us, in consequence of Doctor Oudney's having shown it to some merchants at Mourzuk, was demanded twenty times a day, and it required all my patience to go over and explain the pictures as often as they required. It produced very different effects, but in all astonishment and in most suspicion. The sheikh had heard of it, and one of his slaves borrowed it for him of my servant, by stealth, as he did not wish it to be known that he had a desire to see it. For three days after this I was again and again applied to by all his chief people to see what I had drawn, or written, as they express it, of Bornou. I repeatedly assured them, that those in the book were not mine, that the person who wrote them was far away. It would not do; they shook their heads, and said I was cunning, and would not show them. They then changed their tone, and very seriously begged that I would not write them, that is, *draw* their portraits; that they did not like it, that the sheikh

did not like it, that it was a sin ; and I am quite sure, from the impression, that we had much better never have produced the book at all.

The sheikh expressed a wish that two rockets might be started, on a signal being made from the top of his house. I gave Karowash a blue light, with instructions how to make the signal : his heart, however, failed him when he got to the spot, and the signal was made by a wisp of straw. The first rocket went off nearly perpendicular, and with beautiful effect. I lessened very much the elevation of the second, and it flew over the town not more than a hundred yards higher than the tops of the huts ; and bursting in its course, occasioned a universal scream, that lasted for some seconds. Its consequences I believe were not so serious as the first display of fireworks was at Mourzuk : there several ladies lost all present hopes of blessing their husbands with little pledges of love ; and in one house the favourite slave of a particular friend of ours was put instantly to bed of a seven months' child.

March 10.—We had now been in Kouka nearly a month—had seen the sheikh but three times ; and we discovered, that people coming from the east and from the south, of which there were but few, were carefully prohibited from visiting us. I found out also that a conversation had taken place between Boo-Khaloom and the sheikh, in which the latter had mentioned, that he had heard the Doctor wished, or rather intended, to proceed to Soudan, but that he could not allow of such a proceeding, for that the

bashaw's despatch had not mentioned such being the wish of the English king.

This day I had a little respite, my visiting list being much reduced in consequence of its being market-day; there was, as usual, an abundance of all necessaries, though but few luxuries; and as the people got more accustomed to my appearance, they became more familiar: and one young lady, whose numerous bracelets of elephants' teeth, heavy silver rings on each side of her face, coral in her nose, and amber necklace, proclaimed her a person of wealth, nimbly jumped off her bullock, and tore the corner from my pocket-handkerchief, as she said, for a souvenir. I could do no less than request her to accept the remainder of so useful an appendage, and I was happy to see that this piece of gallantry was not lost even upon savages. They all clapped their hands, and cried, "Barca! barca!" and the lady herself, whose hands and face were really running down with grease, so regardless was she of expense, generously poured into the sleeve of my shirt nearly a quart of ground nuts.

March 11.—Doctor Oudney was still confined to his bed, and I received a summons from the sheikh, to whom a report had been made of a musical box of mine, which played or stopped merely by my holding up my finger. The messenger declared he was dying to see it, and I must make haste. The wild exclamations of wonder and screams of pleasure that this piece of mechanism drew from the generality of my visitors were curiously contrasted in the person of

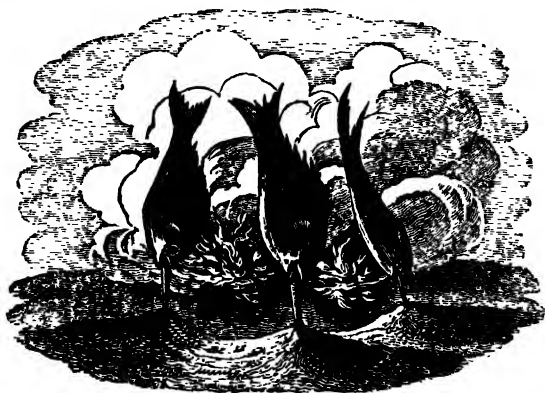
the intelligent sheikh : he at first was greatly astonished, and asked several questions, exclaiming “ *A gieb ! gieb !* ” “ Wonderful ! wonderful ! ” but the sweetness of the Swiss Ranz-des-Vaches which it played, at last overcame every other feeling : he covered his face with his hand and listened in silence ; and on one man near him breaking the charm by a loud exclamation, he struck him a blow which made all his followers tremble. He instantly asked, “ if one twice as large would not be better ? ” I said “ Yes ; but it would be twice as dear. ” “ By G— ! ” said he, “ if one thousand dollars would purchase it, it would be cheap. ” Who will deny that nature has given us all a taste for luxuries ?

During this short conversation we became better friends than we had ever been before, during our three former visits. To his surprise, he now found that I spoke intelligible Arabic, and he begged to see me whenever I chose : these were just the terms upon which I wished to be with him ; and thinking this a favourable moment for adding strength to his present impressions, I could not help begging he would keep the box. He was the more delighted as I had refused it before to Karouash, when he had requested it in the sheikh’s name.

March 12.—I had another interview this day with the sheikh, in his garden, about four in the afternoon : we were only three persons, Barca Gana, his first general, Karouash, and myself. We had the musical box playing until he understood its stops as well as myself ; and after really a pleasant inter-

view of an hour's duration, we separated, improved considerably in each other's good opinion. I asked to visit the Tchad next day, and he gave immediate orders to Barca Gana, that some one should attend me who knew the roads, and that a hut and food might be in readiness for me at night. I lost no time in availing myself of this permission; and soon after daylight on the next day my guides were at the door,—Fajah, a Kanemboo, high in the sheikh's favour, and Maramy, a sort of half-cast Fellatah, who was sent merely because he could speak a little Arabic. We proceeded about ten miles, to a town called Bree; where the *haid* (governor), after hearing the orders, came to my horse's side, and said he should be ready in an instant to accompany me: he also proposed that we should return that night to the town, where a supper and hut, with dancing-girls, should be ready for me. I, however, refused this, and said I was prepared with my blanket, and that we would sleep near the lake. We now went eastward for about five miles, when we came to the banks of the Tchad. I had seen no part of the lake so unencumbered by trees as this, and there were evident proofs of its overflowings and recedings near the shores; but beyond was an uninterrupted expanse of waters, as far as the eye could reach east and south-east. A fine grass grew abundantly along the marshy shores, and thousands of cattle belonging to the sheikh, the produce of his last expedition to Begharmi, were grazing, and in beautiful condition.

The sun was now at its greatest power, and, spreading my mat under the shade of a clump of tulloh trees, I was just preparing a repast of some bread and honey, when two or three black boys who had accompanied us from Bree, and whom I had seen rushing about in the water, brought me five or six fine fish resembling a mullet, and which they had driven into the shallow water almost in as many minutes : a fire was quickly made, and they roasted them so well and expeditiously, that their manner of cooking deserves to be noticed :—A stick is run through the mouth of the fish, and quite along the belly to the tail ; this stick is then stuck in the ground, with the head of the fish downwards, and inclined towards the fire : our negroes had quickly a circle of these fish round a clear flame, and by turning them constantly by the tail, they were most excellently dressed. These fish are called by the Kanemboo, *kercha* ; in Arabic, *turfaw* ;—the name of fish in general in the Bornou language is *boonie*.



I told my satellites that here would be my quarters for the night: they assured me that the mosquitoes were both so numerous and so large, that I should find it impossible to remain, and that the horses would be miserable. They advised our retiring with the cattle to a short distance from the water, and sleeping near them; by which means the attention of these insects would be taken off by the quadrupeds. Englishman-like, I was obstinate; and very soon falling asleep, although daylight, I was so bitten by mosquitoes, in size equalling a large fly, that I was glad, on awaking, to take the advice of my more experienced guides. Towards the evening we mounted our horses and chased some very beautiful antelopes, and saw a herd of elephants at a distance, exceeding forty in number; two buffaloes also stood boldly grazing, nearly up to their bodies in water; on our approaching them they quickly took to the lake: one of them was a monstrous animal, at least fourteen feet in length from the tail to the head. The antelopes are particularly beautiful, of a light brown colour, with some stripes of black and white about their bellies: they are not very swift, and are only to be found in the neighbourhood of the Tchad, and other large waters.

The tamarind and locust-trees were here abundant, and loaded with fruit; the former of a rich and fine flavour. The horses now became so irritated by the shoals of insects that attacked them, the white one of Fajah being literally covered with blood, that we de-

terminated on seeking the cattle herd, and taking up our quarters for the night with them. A vacant square was left in the centre, and ourselves and horses were admitted : mats were spread, and about thirty basket jars of sweet milk were set before me, with another of honey ; this, in addition to some rice which I had brought with me, made a sumptuous repast ; and although, previous to leaving the lake, my face, hands, and back of the neck, resembled those of a child with the small-pox, from the insects, yet here I slept most comfortably, without being annoyed by a single mosquito.

March 14.—A very heavy dew had fallen this night, a thing we had not felt since leaving Gatrone, and then but very slightly : in the morning my bornouse, which lay over me, was completely wet through ; and on the mat, after daylight, crystalline drops were lying like icicles. On arriving at the lake, Maramy left us, as he said to look for the elephants, as the sheikh had desired him to take me close to them ; and I commenced shooting and examining the beautiful variety of waterfowl that were in thousands sporting on the water, and on its shores. I succeeded in shooting a most beautiful white bird of the crane kind, with black neck and long black bill ; and some snipes, which were as numerous as swarms of bees : and in three shots killed four couple of ducks, and one couple of wild geese—these were very handsomely marked, and fine specimens. While I was thus employed, Maramy came galloping up,

saying that he had found three very large elephants grazing, to the south-east, close to the water : when we came within a few hundred yards of them, all the persons on foot, and my servant on a mule, were ordered to halt, while four of us, who were mounted, rode up to these stupendous animals.

The sheikh's people began screeching violently : and although at first they appeared to treat our approach with great contempt, yet after a little they moved off, erecting their ears, which had until then hung flat on their shoulders, and giving a roar that shook the ground under us. One was an immense fellow, I should suppose sixteen feet high ; the other two were females, and moved away rather quickly, while the male kept in the rear, as if to guard their retreat. We wheeled swiftly round him ; and Marany casting a spear at him, which struck him just under the tail, and seemed to give him about as much pain as when we prick our finger with a pin, the huge beast threw up his proboscis in the air with a loud roar, and from it cast such a volume of sand, that, unprepared as I was for such an event, nearly blinded me. The elephant rarely, if ever, attacks ; and it is only when irritated that he is dangerous : but he will sometimes rush upon a man and horse, after choking them with dust, and destroy them in an instant.

As we had cut him off from following his companions, he took the direction leading to where we had left the mule and the footmen : they quickly

fled in all directions ; and my man Columbus (the mule not being inclined to increase its pace) was so alarmed that he did not get the better of it for the whole day. We pressed the elephant now very close, riding before, behind, and on each side of him ; and his look sometimes, as he turned his head, had the effect of checking instantly the speed of my horse—his pace never exceeded a clumsy rolling walk, but was sufficient to keep our horses at a short gallop. I gave him a ball from each barrel of my gun, at about fifty yards' distance ; and the second, which struck his ear, seemed to give him a moment's uneasiness only ; but the first, which struck him on the body, failed in making the least impression. After giving him another spear, which flew off his tough hide without exciting the least sensation, we left him to his fate.

News was soon brought us that eight elephants were at no great distance, and coming towards us : it was thought prudent to chase them away, and we all mounted for that purpose. They appeared unwilling to go, and did not even turn their backs until we were quite close, and had thrown several spears at them ; the flashes from the pan of the gun, however, appeared to alarm them more than any thing : they retreated very majestically, first throwing out, as before, a quantity of sand. A number of the birds here called tuda were perched on the backs of the elephants ; these resemble a thrush in shape and note,

and were represented to me as being extremely useful to the elephant, in picking off the vermin from those parts which it is not in his power to reach.

When the heat of the sun was a little diminished, we followed the course of the water ; and had it not been for the torment which the mosquitoes and flies occasioned, there were spots in which I could have pitched my tent for a week. I saw several Balearic cranes, but I was too far off to get a shot at them. Having proceeded nearly eight miles along the shores of the Tchad, in which there is no sort of variety either in appearance or vegetable production, a coarse grass, and a small bell-flower, being the only plants that I could discover, about an hour before sunset we left these banks, and arrived at Koua, a small village to the north ; where, the kaid of the town being absent, we were glad to take up our quarters within the fence of rushes that went round his hut, and after making some coffee, I laid myself down for the night : about midnight he returned, and we then got corn for our horses, and fowls and milk for ourselves. Both this town and Bree were quite new, and peopled by the Kanemboos, who had emigrated with the sheikh from their own country ; and I never saw handsomer or better formed people.

When I appeared in the town, the curiosity and alarm which my hands and face excited almost inclined me to doubt whether they had not been changed in the night. One little girl was in such agonies of tears and fright at the sight of me, that

nothing could console her, not even a string of beads which I offered her—nor would she put out her hand to take them. I must, however, do the sex the justice to say, that those more advanced in years were not afflicted with such exceeding diffidence—at the sight of the beads they quickly made up to me ; and seeing me take from the pocket of a very loose pair of Turkish trowsers a few strings, which were soon distributed, some one exclaimed, “ Oh ! those trowsers are full of beads, only he won’t give them to us.” This pieces of news was followed by a shout, and they all approached, so fully determined to ascertain the fact, that although I did not until afterwards understand what had been said, Fajah, my guide, thought it right to keep the ladies at a distance, by what I thought rather ungentle means. Had I been aware of all the circumstances, I do not think that I should have consented to their being so harshly treated, as I have no doubt they would, like their sisterhood, those beautiful specimens of red and white womanhood in our own country, have been reasoned into conviction, without absolutely demanding ocular demonstration.

March 15.—A little after noon, we arrived again at Kouka. Although much fatigued by the excessive heats, yet I was greatly gratified by the excursion : no information was, however, on this occasion to be obtained, as to the inhabitants of those islands which are said to be far away to the eastward, up the lake. These Kerdies, as they are called, come, at certain

times, to the spot where I had been, and even close to Angornou ; plunder sometimes a village, and carry off the cattle in their canoes. These plunderers continue their depredations, without any means being taken to oppose them.

I was not at all prepared for the news which was to reach me on returning to our enclosure. The horse that had carried me from Tripoli to Mourzuk and back again, and on which I had ridden the whole journey from Tripoli to Bornou, had died, a very few hours after my departure for the lake. There are situations in a man's life in which losses of this nature are felt most keenly ; and this was one of them. It was not grief, but it was something very nearly approaching to it ; and though I felt ashamed of the degree of derangement which I suffered from it, yet it was several days before I could get over the loss. Let it be however remembered, that the poor animal had been my support and comfort—may I not say companion ?—through many a dreary day and night ; had endured both hunger and thirst in my service with the utmost patience ; was so docile, though an Arab, that he would stand still for hours in the desert, while I slept between his legs, his body affording me the only shelter that could be obtained from the powerful influence of a noon-day sun : he was yet the fleetest of the fleet, and ever foremost in the race. My negro lad opened his head, and found a considerable quantity of matter formed on the brain. Three horses at the Arab tents had died with similar ap-

pearances ; and there can be little doubt but that it was the effect of climate, the scarcity and badness of the water, and the severe exposure to the sun which we had all undergone. The thermometer was this day in the hut 103°; the hottest day we had yet felt in Bornou.

I made it a rule to show myself among the people and merchants at some part of each market-day, in order to make myself familiar to the strangers who attended from the neighbouring towns, and to-day I was eminently successful—the young and the old came near me without much apparent alarm ; but stretching out my hand, a smile, or any accidental turn of the head, always started them from my side : there seemed to be, however, a reciprocal feeling of better acquaintance between us, and I was rather surprised at the complacency, nay, even satisfaction, with which I began to survey the negro beauties—frequently exclaiming to Boo-Khaloon's brother, who was with me, "What a very fine girl ! what pretty features !" without even remarking that "*toujours noir*" which had previously accompanied any contemplation of what might otherwise have struck me as a pleasing countenance.

March 18.—Doctor Oudney thinking himself a little improved in health, he determined on seeing the sheikh the next day, on the subject of his departure for Soudan ; for myself, I was but too happy for the present in having received no refusal from the sheikh to my proposition of accompanying the

ghrazzie. I had previously determined, whether I should succeed in this object or not, that I would as yet ask no other favour; as I felt assured that only by slow degrees and a patient cultivation of the friendship of El Kanemy, our ultimate objects could be accomplished. I was not, therefore, greatly surprised to find that the sheikh gave this morning a decided refusal to Doctor Oudney's request of accompanying the kafilâ to Soudan.

A Shouaa chief, Dreess-aboo Raas-ben-aboo-De-leel, whose people had their tents close to the Shary, visited me to-day. I found him a very intelligent cunning fellow: he put a hundred questions, and, strange to say, asked for nothing as a gift. I, however, gave him a looking-glass, with which he was much pleased. He and his people had passed over from the service of the sultan of Wadey to that of our sheikh, three years ago: he told me that the sultan of Begharmi was preparing to rebuild his capital, Kernuk; and from this man I obtained a route and plan of the branches of the Shary, close to Begharmi.

March 26.—I had another visit from my new ally this morning, who came alone, and assured me the sheikh was not willing that we should see any of the country to the south of the Shary; that my liberality to him yesterday had made him take an oath to be my friend; and that if I would lay my hand on that book, pointing to my own journal, that holy book,

he said he would tell me what order the sheikh had given him with respect to his conduct on our arriving in his district,—which was, that we were not to cross the river. He, however, added, that if I chose to pass the Shary and come to his tents, which were at a place called Kerga, he would find means of sending me still farther south. “If you leave the Shary,” said he, “when the sun is three fathoms high, you will be with me by sunset.” I questioned him as to the danger of incurring the sheikh’s displeasure; but he did not prevaricate, and his reply was “there were three brothers of them, and the sheikh wanted to bring them all over to his service, and that it was not his interest to quarrel with them.”

March 28.—Doctor Oudney was getting worse and worse: he had applied a blister to his chest in consequence of the violence of his cough: but he was so weak as not to be able to move from one hut to another. His principal food was a little flour and water paste, and sometimes a little soup at night. Boo-Khaloom saw us after prayers; he said that he had determined on dismissing about thirty of the most rebellious Arabs, and they were about to return to Mourzuk.

March 29 to April 8.—Tuesday. Drees paid me a third visit previous to his leaving Kouka, and pressed me to come over the Shary, and at least stay some time at his tents. It was night when he came; and he either affected, or really had great fear, of any



From a Sketch by Major Denham

Engraved by F. Pindon

THOUSA WOMEN

Published by John Murray London 1826

one's noticing him. "Do not mention my coming to you," said he; "every body who visits your hut is a spy on your actions. Every thing you say is repeated to the sheikh." "—And yourself," said I. "Very good," said he; "you have no reason to trust me. Say nothing; I have made you the offer. Come, if you think proper; but do not commit yourself. I have spoken to you as I would to my own bowels."

The Shouaas Arabs are a very extraordinary race, and have scarcely any resemblance to the Arabs of the north: they have fine open countenances, with aquiline noses and large eyes; their complexion is a light copper colour: they possess great cunning with their courage, and resemble in appearance some of our best-favoured gypsies in England, particularly the women, and their Arabic is nearly pure Egyptian.

The disputes between the Arabs had arrived at such a height, that all idea of an amicable arrangement between them seemed at an end. Abdallah Bougiel had obtained the support of most of the sheikh's people, and was therefore favoured by the sheikh himself: he succeeded in getting away nearly half of the Arabs from Boo-Khaloom; and they pitched their tents at a few miles' distance from the town. The chiefs, however, were in Kouka every day, always with loaded pistols under their barracans, fearing assassination from the intrigues of each other. Abdallah Bougiel charged Boo-Khaloom with wasting

his time in Kouka, for the purpose of disposing of his merchandize; while the Arabs were starving, and might have been employed in a marauding expedition for the benefit of the bashaw. Boo-Khaloom very boldly, and with great truth, accused Abdallah of mutinous and disorderly conduct, in opposing him on all occasions,—taking the part of those refractory Arabs whom he had thought it right to punish on the road for robbery, and seducing them from under his command, where the bashaw had placed both them and himself: he most properly declared, that they came as an escort to the English, and he as a merchant—that if a ghrazzie was advisable, he was to judge when the proper time would be for undertaking it.

The sheikh, however, without lessening his attentions to Boo-Khaloom, whom he now promised to send with his own people to the country beyond Mandara, encouraged Abdallah to pursue his plan of quitting Boo-Khaloom. The occupation of making up our despatches, as well as the continued weakness of Doctor Oudney, had prevented our making any movement during the last ten days: ' say attempting, for we were upon such ticklish ground, that success seemed more than doubtful. Doctor Oudney was, however, a little better, though not fit to accompany an expedition of this nature; and I declared my intention of proceeding with Boo-Khaloom, begging him to make known my wish to the sheikh.

Thus were we situated on the 8th of April, after ten days of repeated disappointment, great anxiety, and excessive heat, the thermometer being some days at 106°. Mr. Clapperton's horse had died on the 5th, of the same complaint as my own. Both the Arab expeditions were on the eve of departing, but without our having any knowledge of their destination. Bougiel had been repeatedly to my hut, and endeavoured to convince me of the uprightness of his conduct, and his great love for the English: "Only say, *sidi reis*, (my lord captain) where you will go, and I will bring you a hundred men, who will accompany you, and die by your side." I told him, "I had no occasion for such an escort, and no money to reward them; that he had better return to the tents, be reconciled to Boo-Khaloom, and, as he had left Tripoli with him, return with him, and then make his complaint to the bashaw." He said, "No: Boo-Khaloom had once d——d his father and his faith! that it was deep in his heart: *Ikmish fi gulbi*, and he could never forgive him. But would I write to the bashaw, and the consul at Tripoli, and say that he had always been my friend?" I replied, "Certainly not! That, if I wrote at all, it would be to say that he was decidedly wrong in every thing that he had done."

Boo-Khaloom left Kouka this afternoon on an expedition, without coming to take leave of us: this was a sufficient proof to me that our application to

accompany the ghrazzie had been met by a denial on the part of the sheikh. The disappointment this occasioned me was very great indeed, for I had always reckoned on being at least left to my own arrangements for this expedition; and I felt confident that by such means only could we get to the southward—which conclusion subsequent events proved to be a just one.

April 10.—Soon after daylight we were summoned to appear before the sheikh, and our request of visiting the Shary complied with.

The sheikh produced some uncouth ornaments for the front of the head and breast, of gold and silver, with a number of paste and glass imitations of ruby and other precious stones. He thought these real, and asked their value; and, showing him the little bit of yellow metal which gave the glass bead the colour of the topaz, amazed him greatly: the person who gave him these as real will meet with but a sorry reception on his next visit, as what he had thought worth one hundred dollars were probably dear at as many pence.

April 11 and 12.—The ghrazzie, under Boon-Khaloom, remained these two days at Angornou with Barca Gana, the sheikh's kashella (or general), to collect people for the expedition. Abdallah Bougiel had left Kouka the day before, in the direction of Kanem. This day five of his horsemen, and twenty of his men on foot, redeserted, and passed

through Kouka in their way to rejoin Boo-Khaloom. One of the sheikh's eunuchs, of whom he had six, the only males who were allowed to enter that division of his house where the women resided, came to me on the part of his favourite wife begging for a bead, as she called it, similar to the one she sent for me to look at, adding, that his mistress would give any price for it, for the like was never seen in Bornou. On this curiosity being taken out of a beautiful silk handkerchief, to my surprise I saw one of the glass drops of a chandelier, diamond-shaped, which I suppose had been brought by some of the freed female slaves from Tripoli. "He was not at all astonished," he said, "at my not having any thing like it: Ah! he was afraid not; it was wonderfully beautiful! His mistress would be very unhappy at the news he would take back." No glass beads, or such as are brittle, and are likely to break, can be sold for any thing: strength in these articles is looked for even more than beauty, and the sterling weight of this crystal drop, added to its clearness, made it invaluable in the eyes of the sultana.

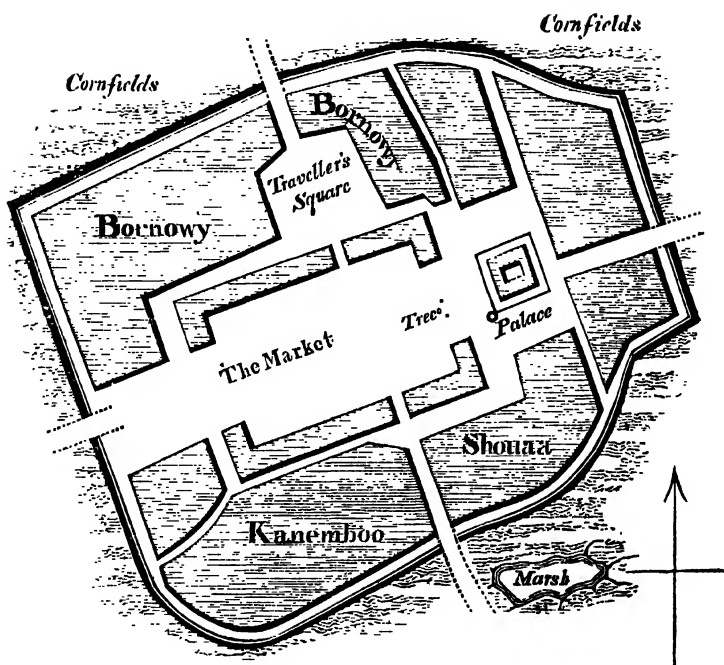
April 13.—I had thought it prudent to send as a present to the sheikh my remaining horse. I had mounted him but once for two months; a sore on his back, from a small size became inflamed, with a deep hole in the middle, surrounded with proud flesh: his blood was in a bad state, and he got thinner and thinner. I hinted, at the same time, that a

horse of the country would be very acceptable to me in exchange. The sheikh very handsomely sent me word that I should have as good a one as the country afforded—and a very active powerful little iron-grey was sent me.

Boo-Khaloom, we heard, was to quit Angornou on his expedition on the 14th: the losing this opportunity of both seeing the country and in what manner these people could lead 3000 men into action, for his ghrazzie was to consist of that number, vexed me more than I can express. It was an opportunity, I felt, that was not to be lost: the sheikh's promised expedition might never take place; it would certainly be in a different direction; and at any rate I knew that with Boo-Khaloom I could follow my own plans, which most likely with the sheikh I could not. In this state of dilemma I determined on applying to the sheikh's chief, Karouash, who professed himself greatly my friend, and to offer him fifty dollars if he could obtain the sheikh's permission. The request instantly opened my eyes as to which quarter the wind of the court blew from. "Could not you make the sheikh," said he "some pretty present? At the same time he is only afraid of your getting into danger: *egal rais kheleel rajal meliah yassur* (he says the rais is an excellent person)." I replied, "that was impossible; that we had already given many handsome presents, and had written to England for others; for himself he should have fifty dollars if

he succeeded."—Karouash left me with, I am sure, every wish to succeed in my behalf.

PLAN OF KOUKA.



CHAPTER III.

EXPEDITION TO MANDARA.

IT was late in the evening of the 15th April before my mind was made up as to the practicability of accompanying the ghrazzie. I had an interview with the sheikh, when he said, “ I must refuse, because I know not how to ensure your safety : still I wish that I could comply with your request. The application by Boo-Khaloom for all your party to go was out of the question ; your king could not wish that a mission sent out so far should run such risks—it was an imprudent request, and the bashaw would never have forgiven me if I had complied with it. You are differently situated ; your sultan expressly orders you to accompany any military expeditions : but although you are a soldier, you will scarcely know how to take care of yourself, in an expedition of this nature, should Boo-Khaloom meet with a repulse ; and on this account alone I cannot sanction your departure.” I replied, “ that I could not be otherwise than sensible of the anxiety he evinced for our safety, but that the orders of my sultan must be obeyed if possible : that although he refused his approbation, I trusted he would not prevent my accompanying Boo-Khaloom. Indeed,” added I, smiling, “ if that is

your intention, I give you notice that the *silset* * had better be put on—I shall certainly go, for I dare not lose such an opportunity of seeing the country.”

Here ended our conference ; and some time after midnight, the negro who was to accompany me to Angornou, where I had previously intended awaiting the arrival of Doctor Oudney, roused me to commence my journey, adding, “ We shall scarcely reach Angornou before daylight.” My baggage and necessaries were easily carried by one camel. My sole companion was my own negro Barca, whom I mounted on a mule, with my small canteens under him, containing a scanty supply of coffee : this, and a bag of rice, were all my provisions—and I trusted to Providence for the rest. To join the ghrazzie I was determined ; but in what way it was to be accomplished, I was not yet decided. Boo-Khaloom had left Angornou the day before ; and it was reported that he would halt one day about thirty-five miles south of that place : the destination of the expedition still remained a secret. Maramy ben Soudance, the negro whom the sheikh had appointed to accompany me, was the same that had attended me before in my excursion to the Tchad : he was born a slave in Mohamed el Soudanee’s family, the sheikh’s first cousin, who was now on his way to Mecca. As he took with him but a small retinue, Maramy and many others were left behind, and served as an askar,

* *Silset* : irons placed round the necks of refractory slaves.

or soldier, to the sheikh. His character amongst the sheikh's people was one of great bravery; his daring manner of approaching the elephants, in our former trip, had not been unobserved by me; and during our present excursion he gave such proofs of gallantry and goodness of heart, at the same time laying me under obligations to him of the most serious kind,—no less, eventually, than the preservation of my life—that he merits every praise that it is in my power to bestow. Maramy spoke broken Arabic, of which he was not a little proud: I had discovered that taciturnity was not among the number of his failings, and we had not proceeded many miles before he began to gratify his natural propensity with great volubility. For myself I was unusually disinclined to conversation; many circumstances combined to render me dissatisfied with the situation of our affairs. I felt, at the moment, more than ever the want of a companion and friend, in whose head and heart I could place some confidence; and Maramy's account of his battles, and hair-breadth escapes from the Kerdies, was almost unnoticed by me.

I was at length, however, roused by his question of “Does the rais go with the ghrazzie?” “How can I,” said I, “when the sheikh objects to it?” “But will you go, or not?” said he. “Whether I do or do not accompany it, at present is uncertain,” replied I: “you will proceed with me as far as Angornou, and leave me at Abde Nibbee's hut. I should have thought much better of the sheikh's

conduct if he had desired you to be my companion, and sent me on to join Boo-Khaloom.” “If the rais will tell me whether he is determined, at all events, to proceed with the ghrazzie or not, I will then tell him what the sheikh’s orders are to me,” added Maramy. “No, no!” rejoined I; “you know me well enough to be satisfied that no service done, or information given, ever goes unrewarded. —Tell me, if you choose, your directions; I cannot make you acquainted with my determination.”

Maramy held out no longer; and it was to me most gratifying to learn, that the sheikh desired him not on any account to leave me; that if he found I was obstinate in persisting to join the expedition, he was to conduct me to their camp as quick as possible, and give me in charge to Barca Gana, the sheikh’s black Mamcluke, who commanded the whole, with every possible charge to take care of me. I was not long now in making Maramy acquainted with my intentions. I was lavish in my praises of the sheikh, whom my companion thought nearer a god than any other mortal; and we entered Angornou while twilight still spread its grey tint around, planning our departure from thence, as soon as daylight should return.

April 16.—The whole of this day Angornou was filling fast with strangers, in consequence of the great fsug the day following—and it had the appearance of a bustling town of business. Abde Nibbe, at whose hut I passed the day, was a merchant we had

known at Mourzuk, and here made good his professions of service, which had never before been put to the test. On a clean mat, placed in a shady corner of his hut, I slept away the heat of the day ; and besides a supper of *gedeed* (meat dried in the sun) and rice, he regaled me with a very pleasant drink, composed of milk, red pepper, and honey. The evening was so sultry, that I determined on waiting until after midnight ; and about an hour before sunrise we mounted our horses.

April 17.—Our course was south, near a number of gardens ; but the only vegetable produced in them appeared to be onions. For many miles our road was over one continued plain, covered with wheat and gussub stubble ; and a little before noon we arrived at Yeddie, twenty-one miles from Angornou, a considerable town, walled, and governed by a kaid. A hut was pointed out to us, after some altercation, where we were to pass the heat of the day. I, however, took my place in the skiffa or entrance, the coolest place I could find.

The kaid soon after paid me a visit, who it seemed was asleep when I arrived. He was extremely desirous that I should come to his habitation, and was greatly distressed at not having better provided for my convenience ; moving was, however, quite out of the question. The heat was excessive ; and I merely begged a little sour milk, and that the crowd round the door, which I was obliged to keep open, might, if practicable, be in part dispersed ; and

I added, "They are all men—pray are there no women in your town?" The kaid, who evidently wished to make up for his former inattention, immediately answered, "Yes, yes! plenty; and they also would like to come and look at you, if you will give them leave." This I was not disposed to refuse; and the kaid, sitting by me, and Maramy keeping the door, so that not more than three or four came in at a time, I received upwards of one hundred of the softer sex. Some of them were beautiful unaffected children of nature. I had nothing to show them but a looking-glass, and probably nothing could have pleased them more. One insisted upon bringing her mother, another her sister, in order to see the face she loved best reflected by the side of her own, which appeared to give them exquisite pleasure; as on seeing the reflection they repeatedly kissed the object of their affection. One very young and intelligent girl asked if she might bring her child, and on gaining permission quickly returned with an infant in her arms: she absolutely screamed with joy; and the tears ran down her cheeks when she saw the child's face in the glass, who shook its hand in token of pleasure on perceiving its own reflected image.

By four in the afternoon we were again on the road, and Maramy had raised my spirits by saying, "that if they had not moved on, we should reach the camp of the Arabs, and the sheikh's troops, soon after sunset." Fortunately they had not moved; and after

fourteen miles we made Merty, and to the west of the town we saw the tents of the Arabs. Maramy now told me, "that the sheikh wished I should put myself under the protection of Barca Gana; that Boo-Khaloom's responsibility ceased on arriving at Bornou; that *he* was now bound to provide for my safety, and that with his people he wished me to remain." I should have been better pleased to have pitched my tent close to that of my tried friend, and amongst my old companions the Arabs; but as Maramy assured me the sheikh would be highly displeased, I instantly gave up the idea.

Barca Gana received me with a great deal of civility in his tent, although he kept me several minutes waiting outside, until he had summoned his *fighi*, or charm-writer—an indispensable person—and one or two of his chiefs, to attend him. "If it was the will of God," he said, "I should come to no harm, and that he would do all in his power for my convenience." A spot was appointed for my tent near his own; and I took my leave in order to visit the Arabs. The cheers they all gave me, and the hearty shake of the hand of Boo-Khaloom, made me regret that I was not to be amongst them, in spite of all their bad qualities. Boo-Khaloom repeatedly exclaimed, "I knew you would come; I said you would by some means or other join us." One of Barca Gana's people now brought word that we should move on by day-break. I retired to my tent after making Boo-Khaloom acquainted with the sheikh's arrangements, first

to write to Doctor Oudney of my proceedings, and then to sleep off my fatigue. Sleep, however, was my only refreshment : I was as it were between two stools ; one of my friends did not think it necessary, and the other never intended, to send me any supper.

April 18.—Before sunrise the tents were struck, and we were all in motion. Barca Gana, who commanded the sheikh's people, about two thousand strong, was a native of a town called Sankara, in Soudan, and had fallen into the sheikh's hands about seventeen years before, when only nine years of age. The sheikh had always been extremely attached to him, and had raised him with his fortunes, to the rank he now held, as kaid, or governor, of Angala, part of Loggun, and all the towns on the Shary ; besides making him kashella, or commander-in-chief of his troops : he was a powerful negro, of uncommon bravery, possessing a *charm* which he imagined rendered him invulnerable to either balls or arrows. He was keen, possessed great quickness of observation, and from being so long in the sheikh's confidence, had acquired his manner, which was gentle, and particularly pleasing : added to this, he was a bigoted Musselman.

As I have before said, the morning of the 18th saw me riding by the side of Barca Gana, in full march for Mandara. Two hours before noon we made Alla, a town fourteen miles from Merty : here our tents were pitched until the afternoon, when we again moved, and after five hours' march arrived at

Deegoa, twenty miles from Alla. Deegoa is a large walled town, governed by a sultan subject to the sheikh, and may boast a population of thirty thousand. With the exception of the immediate neighbourhood of the town, the country has been less cleared of wood than the neighbourhood of Angornou, and consequently is less productive. There is a very large wadey, or water-course, full a quarter of a mile in breadth : to the south of Deegoa we found it perfectly dry ; but a large canoe, which was laid up by the side, to be used by travellers proceeding to Mandara in the wet season.

We had here a violent thunder-storm, accompanied by heavy rain during the night, which made its way plentifully into my Egyptian tent. Before daylight on the 19th, we broke up our encampment, and passing the wadey, continued our course through a very close country ; the road consisted of several narrow paths, passable only for one horse at a time, and these greatly obstructed by the branches of tulloh, and other prickly trees, which hang over them. We made Affagay, another very large and populous town, early in the day : this is also subject to the sheikh, and governed by a kaid. Affagay, with the towns around it, Sogama, Kindacha, Masseram, and Kingoa, may be said to possess upwards of twenty thousand inhabitants. To the westward of Kingoa are the ruins of a very large town called Dagwamba : the country for many miles round formerly bore that name, and was governed by a sultan. The people were then all

Kerdies *, and, being conquered by the former sultans of Bornou, became Musselmans. Previous to arriving at Deegoa, we came upon a nest of Shouaas of the tribe of Waled Salamat : this race extends to the east quite as far as the T'chad.

Chiefs in this part of Africa are accompanied by as many personal followers as they think proper to maintain, both as horse and footmen : some of them form the band, if I may so call it. Barca Gana had five mounted, who kept close behind him, three of whom carried a sort of drum, which hung round their necks, and beat time while they sang extempore songs ; one carried a small pipe made of a reed, and the other blew, on a buffalo's horn, loud and deep-toned blasts, as we moved through the wood : but by far the most entertaining and useful were the running footmen, who preceded the kashella, and acted as pioneers ; they were twelve in number, and carried long forked poles, with which they, with great dexterity, kept back the branches, as they moved on at a quick pace, constantly keeping open a path, which would without them really have been scarcely passable ; they, besides this, were constantly crying aloud something about the road, or the expedition, as they went on. For example : " Take care of the holes !—avoid the branches !—here is the road !—take care of the tulloh !—its branches are like spears !—worse than spears !—keep off the branches !" " For whom ?"

* Negroes who have never embraced the Mohammedan faith.

“ Barca Gana.” “ Who in battle is like the rolling of thunder ?” “ Barca Gana !” “ Now for Mandara !—now for the Kerdies !—now for the battle of spears !—Who is our leader ?” “ Barca Gana.” “ Here is the wadey, but no water.” “ God be praised !” “ In battle, who spreads terror round him like a buffalo in his rage ?” “ Barca Gana *.”

This sort of question and answer, at once useful and exhilarating, is constantly kept up until the time of halting. We did not move from Affagay until the next morning, when the whole army were supplied with bullocks and sheep. This was the first meal I had made since leaving Angornou, and the following is their method of roasting the meat : the sheep were killed, cut in half, and laid upon a frame-work of

* The band also sang some extempore verses on my joining them, of which the following is nearly a literal translation, and delighted their chief excessively.

Christian man he come,
 Friend of us and Sheikhobe ;
 White man, when he hear my song,
 Fine new tobe give me.

Christian man all white,
 And dollars white have he ;
 Kanouric like him come,
 Black man's friend to be.

See Felatah, how he run ;
 Barca Gana shake his spear :
 White man carry two-mouthed gun,
 That 's what make Felatah fear.

wood made out of strong stakes, and having four supporters; under it was a strong fire, and by this means the meat was roasted better than I ever saw it done in any part of Europe except my own country. Towards the evening I received a summons from Barca Gana, and in his tent found five or six of the chiefs assembled: half of a roasted sheep was laid on green boughs placed on the sand before us; the black chiefs then stripped off the dark blue shirt, their only covering; the sharpest dagger in the party was searched for, and being given to one who acted as carver, large slices of the flesh were cut, distributed about, and quickly devoured without either bread or salt: when we arrived at the bones, another side shared the same fate, and our repast closed by huge draughts from a large wooden bowl of rice water, honey, tamarinds, and red pepper, which nobody was allowed to drink of but myself and the kashella.—I expressed my satisfaction at this plentiful feast. Barca Gana said, “What the country afforded he always lived on; but he never carried any thing with him in these expeditions but a kind of paste, made of rice, flour, and honey, which, mixed with water, he took, morning and evening, when no better fare was to be had.”

On the 20th at noon we reached Delahay, our road lying through a thick wood. Delahay is a spot surrounded by large wide-spreading acacias, affording a delightful shade; and here there are between thirty and forty wells of very sweet water: the huts of a

numerous tribe of Shouaas, called Hajainy, are near this place. It was a cloudy day, sultry and oppressive ; the thermometer in my tent, in the afternoon, was at 109°. In the evening we made another halting-place, called Hasbery, where we found no water ; having come a distance of thirty-four miles.

The whole of this country is covered with alluvial soil, and has a dark clayey appearance. Cracks, several inches in width, make the roads difficult, and, in the wet season, the water which falls remains on the ground for several months after. This evening, Boo-Khaloom's camels, unable to keep pace with the light-footed maherhies of the Bornou people, were so long in coming up, that he came to Barca Gana's tent, and a few unfortunate questions put to him, on the subject of my religion, sank me wofully in the opinion of my Bornou friends. Boo-Khaloom had been a great traveller, and was extremely liberal in his religious opinions for a Musselman ; more so than he dared to acknowledge to these bigoted followers of the Prophet. The kashella's fighi, Malem Chadily, had always eyed me with a look of suspicion, and had once said, when the whole army halted, at dawn, " Do you wash and pray ? " " Yes," said I. " Where ? " rejoined the fighi. " In my tent," I replied. This fighi, who continued throughout my mortal enemy and annoyance, now asked Boo-Khaloom " what these English were ? were they Hanafy or Maleki ? " still believing, that as we appeared a little better than the Kerdies, or savages, that we must be Moslem in some

way or other. Boo-Khaloom answered, with some hesitation, “ No : that we were mesquine (unfortunate) ; that we believed not in ‘ the *book*,’ the title always given to the Koran ; that we did not *sully*, or pray, as they did, five times a day ; that we were not circumcised ; that we had a book of our own, which did not mention Saidna Mohamed, and that, blind as we were, we believed in it : but *In sh’ allah*,” added he, “ they will see their error, and die Musselmans, for they are *naz zein zein Yassur* (beautiful people, very beautiful).” This account was followed by a general groan ; and the fighi clasped his hands, looked thoughtful, and then said, “ Why does not the great bashaw of Tripoli make them all Musselmans ?” This question made Boo-Khaloom smile : “ Why !” replied Boo-Khaloom, “ that he could not very well do, great as he is ; these people are powerful, very powerful, and an affront to even one of these might cost the bashaw his kingdom :—they are also rich, very rich.” “ May it please the Lord quickly to send all their riches into the hands of true Musselmans,” said the fighi ; to which the whole assembly echoed “ Amen.” “ However,” continued Boo-Khaloom, “ there are *insara Yassur fi denier* (a great many Christians in the world), but the English are the best of any ; they worship no images ; they believe in one God, and are almost Moslem.” This was as much as he could say, although it raised me but little in the fighi’s estimation ; and as he decided, so every body was obliged to think.

Our rice water, and honey, was always brought in a brass basin tinned on the inside, such as are only used by sultans and persons of rank, wooden bowls being always drunk out of by the people ; and out of this basin Barca Gana and myself only were allowed to drink. To-night, while I was drinking, the fighi made some remark ; what I left in the bowl was instantly thrown away, and soon after a separate vessel was assigned me.

We continued our course to Ally Mabur, where there is a large lake of still water. The horses, who had not drank the night before, rushed into the lake by hundreds, and, in consequence, the water we got to drink was nearly as thick as pease-soup. The day was dreadfully sultry. My camel not coming up, I could not pitch my tent, and I became nearly exhausted by the intolerable heat. The thermometer was at 113° in the best shade I could find, and covered completely with a cloth, besides a thick woollen bournouse, I kept up some little moisture, by excluding entirely all external air ; still it was almost insupportable.

Ally Mabur, in the afternoon, and at night, halted at an open spot in the wood called Emcheday. The trees we had seen within the last two days were of a much larger kind, and the underwood less. We had no water but the muddy beverage we had brought with us. Through an open space, or break in the wood, I had this day seen part of the Mandara hills, and had passed an extensive line of huts belonging to

the Beni-hassan Shouaas. We were now but a few miles from the capital of Mandara, and several persons had arrived from the sultan, within the last two days, to welcome Barca Gana ; but this evening one of his chiefs came, attended by about twenty horsemen, saying, “ that the sultan would himself meet us the next day, on the road to Mora, his residence.” Our force had been increased, during the march, by several Shouaa sheikhs joining us, with their followers, both from the banks of the Tchad and from the west. We always found them drawn up on a certain spot on the road ; and their salutation was by charging rapidly up, and shaking the spear at the kashella, wishing he might “ crush his enemies as an elephant tramples on his victim,” and such like expressions.

By these accessions we were now upwards of three thousand strong, all cavalry, with the exception of about eighty Arabs on foot. We continued to approach a noble chain of hills, which were now full in our view, of considerable height and extent, with numerous trees growing on their steep and rugged sides. Delow, the first town we arrived at in Mandara, formerly the residence of the sultan, containing at least 10,000 inhabitants, has springs of beautiful fresh water ; and in the valleys fig-trees ; and trees, which bore a white flower resembling the zeringa, possessing a grateful odour, were plentiful.

At about a mile from this town, we saw before us the sultan of Mandara, surrounded by about five hundred horsemen, posted on a rising ground ready to receive us, when Barca Gana instantly commanded

a halt. Different parties now charged up to the front of our line, and wheeling suddenly round, charged back again to the sultan. These people were finely dressed in Soudan tobes of different colours; dark blue, and striped with yellow and red; bornouses of coarse scarlet cloth; with large turbans of white or dark coloured cotton. Their horses were really beautiful, larger and more powerful than any thing found in Bornou, and they managed them with great skill. The sultan's guard was composed of thirty of his sons, all mounted on very superior horses, clothed in striped silk tobes; and the skin of the tiger-cat and leopard forming their shabracks, which hung fully over their horses' haunches. After these had returned to their station in front of the sultan, we approached at full speed in our turn, halting with the guard between us and the royal presence. The parley then commenced, and the object of Boo-Khaloom's visit having been explained, we retired again to the place we had left; while the sultan returned to the town, preceded by several men blowing long pipes, not unlike clarionets, ornamented with shells, and two immense trumpets from twelve to fourteen feet long, borne by men on horseback, made of pieces of hollow wood, with a brass mouth-piece, the sounds of which were not unpleasing.

The parley was carried on in the Mandara language, by means of an interpreter; and I understood that we were to visit the sultan in the course of the day, and hear his determination.

Boo-Khaloom was, as usual, very sanguine: he



Fig. 1. The Mammal-herd.

said "he should make the sultan handsome presents, and that he was quite sure a Kerdy* town full of people would be given him to plunder." The Arabs were all eagerness; they eyed the Kerdy huts, which were now visible on the sides of mountains before us, with longing eyes; and contrasting their own ragged and almost naked state with the appearance of the sultan of Mandara's people in their silk tobes, not only thought, but said, "if Boo-Khaloom pleased, they would go no further; this would do." Boo-Khaloom and the Arab sheikhs had repeatedly exclaimed, when urging El Kanemy to send them to some country for slaves, "Never mind their numbers! arrows are nothing! and ten thousand spears are of no importance. We have guns! guns!" exclaiming, with their favourite imprecations, "*Nakalou-e-kelab jésaa*," (We'll eat them, the dogs, quickly)—"*cich nu, abeed occul*," (what! why, they are negroes all!) I fancied I could see the keen features of El Kanemy curl at these contemptuous expressions, which equally applied to his own people; and certainly nothing could be more galling than for him to hear them from such a handful of Arabs: his own people were *abeed occul*, and their only arms spears and arrows, and this he could not but feel and remember.

Towards the evening Barea Gana sent to desire me to mount, for the purpose of visiting the sultan. We entered the town, Boo-Khaloom and myself

* A general term for unbelievers.

riding on his right and left ; and at the farther end of a large square was the sultan's palace. As is usual on approaching or visiting a great man, we galloped up to the skiffa at full speed, almost entering the gates. This is a perilous sort of salutation, but nothing must stop you ; and it is seldom made except at the expense of one or more lives. On this occasion, a man and horse, which stood in our way, were ridden over in an instant, the horse's leg broke, and the man killed on the spot. The trumpets sounded as we dismounted at the palace gate ; our papouches, or outward slippers, were quickly pulled off ; and we proceeded through a wide skiffa, or entrance, into a large court, where, under a dark blue tent of Soudan, sat the sultan, on a mud bench, covered however with a handsome carpet and silk pillows : he was surrounded by about two hundred persons, all handsomely dressed in robes of silk and coloured cotton, with his five eunuchs ; the principal men of the country sitting in front, but all with their backs turned towards him. The manner of saluting is curious : Barca Gana, as the sheikh's representative, approached to a space in front of the eunuchs, his eyes fixed on the ground ; he then sat down, with his eyes still fixed on the earth, with his back to the sultan, and, clapping his hands together, exclaimed, "*Engoubroun dagah !* (May you live for ever!)—*Allah kiaro !* (God send you a happy old age!)—*I.a, lai, barca, barca.* (How is it with you ? blessing ! blessing !)" These words

were repeated nearly by the sultan, and then sung out by all the court. The *fatah* was then said, and they proceeded to business. Boo-Khaloom produced some presents, which were carried off by the eunuchs unopened; the sultan then expressed his wish to serve him; said he would consider his request, and in a day or two give him his decision.

The sultan, whose name was Mohamed Bucker, was an intelligent little man of about fifty, with a beard dyed of a most beautiful sky-blue; he had been eyeing me for some time, as I sat between Boo-Khaloom and Barca Gana, and first asking Boo-Khaloom his name, inquired who I was? The answer that I was a native of a very distant and powerful nation, friends of the bashaw of Tripoli and the sheikh, who came to see the country, did not appear much to surprise him; and he looked gracious as he said, "But what does he want to see?" A fatal question however followed, and the answer appeared to petrify the whole assembly:—"Are they Moslem?" "*La! la!* (No! no!)" Every eye, which had before been turned towards me, was now hastily withdrawn, and, looking round, I really felt myself in a critical situation. "Has the great bashaw Kaffir friends?" said the sultan. The explanation which followed was of little use: they knew no distinctions; Christians they had merely heard of as the worst people in the world, and, probably, until they saw us, scarcely believed them to be human. We shortly after re-

turned to our camp, and I never afterwards was invited to enter the sultan of Mandara's presence.

Our tents had been pitched but a short distance from the town of Mora, and on our return upwards of forty slaves, preceded by one of the sultan's eunuchs, came to the camp, bearing wooden bowls filled with paste of the gussub flour, with hot fat and pepper poured over it, mixed with a proportionate seasoning of onions. This was considered as the very acmè of Mandara cooking; it was savoury, and not very unpleasant; but a few sides of mutton roasted, which came for the chiefs, was the better part of our fare. Malem Chadily betook himself to another bowl, because on Barca Gana's putting the mess towards me, I had, as usual, plunged my right hand in without any ceremony. Barca Gana saw that I observed it, and his dread of the sheikh's displeasure induced him to make some observation in Bornouese, which drove the fighi out of the tent: this distressed me, and I determined on adopting some measures for preventing the repetition of these disagreeables.

On the 23d we halted; but I was so dreadfully bitten by the ants and other insects, which beset us in myriads, that my hands and eyes were so swelled that I could scarcely hold a pen, or see to use one: added to this, the heat was again insufferable; for several hours in the middle of the day, the thermometer was as high as 113°. Covering myself up

with all the blankets I could find afforded me the greatest relief—these defending me as well from the flies as the power of the sun : occasionally making my negro pour cold water on my head was another undescribable comfort. I passed the greater part of the evening with Boo-Khaloom, who had seen the sultan of Mandara in the day. He complained of being delayed; but was, nevertheless, still sanguine, and believed the sultan was endeavouring to find him a Kerdy country, which he was to attack; it, however, never was the intention of the sultan of Mandara to take any such steps, or the sheikh's wish that he should. It was against people who would create in the Arabs a little more respect for spears and arrows, that the sheikh wished them to be sent; and this he thought could not be better accomplished than by consigning them to the sultan of Mandara, whose natural enemies, as well as his own, were the Felatahs, the most warlike people in the whole country.

Mandara had been several times conquered by these Felatah tribes, which extend over an immense space of country: they are found through the whole of Soudan, quite to Timbuctoo, and at D'jennie on the Quolla they form the greatest part of the population. A very populous town, Conally, to the west of D'jennie, is inhabited wholly by Felatahs*. They

* Abdul Kassum-ben-Maliki came from this town, and speaks of his people as having great influence with the sultan of Tim-

are a very handsome race of people, of a deep copper colour, who seldom mix their blood with that of the negroes, have a peculiar language of their own, and are Moslem. They bear some resemblance to the Shouaas, although they are quite a distinct race. South-west of Mandara is a country called Karowa; and these two countries were formerly governed by one sultan (Kerdy), until Mandara was wrested from them by the Felatahs of Musfeia and Kora. The son of the sultan of Karowa, the present sultan, succeeded in recovering Mandara out of their hands, and has since been able to keep possession, as they aver, from his having become Moslem—be that as it may, he is now a Musselman, and an intelligent one for his situation: his resources are great, and his country by nature easy to defend. About ten years ago, he found so little defence from the walls of his then residence Delow, against the attacks of the Felatahs, that he built the new town Mora, nearly facing the north, and situated under a semicircular ridge of very picturesque mountains. These natural barriers form a strong rampart on every side but one, and he has hitherto withstood the attempts of his enemies. It is rather a curious circumstance that no Shouaas are to be found in the Mandara dominions, nor any where to the south of them.

buctoo: their language is alike; and he conversed as freely with a Felatah slave from Musfeia as if she had been his countrywoman, although they were born probably fifteen hundred miles distant from each other.

The Sheikh El Kanemy, very shortly after his successes and elevation, saw the advantage of a powerful ally, such as the sultan of Mandara, against the Felatahs, who were equally the dread of both these potentates; the vicinity of Mandara to the Kerdy nations, as well as the ease with which slaves are obtained from thence, was also another consideration. The tribes of Shouaas, bordering on the Mandara frontier to the north and north-east, had always been in the habit of sending marauding parties into that part of the country nearest to them, which the sultan had never been able to prevent; and the sheikh no sooner saw the necessity of bringing these dwellers in tents into subjection to the sultan of Bornou than he determined also on making a stipulation for the discontinuance of their inroads into the Mandara country, the peace of which they had so long disturbed. This treaty of alliance was confirmed by the sheikh's receiving in marriage the daughter of the sultan of Mandara, and the marriage portion was to be the produce of an immediate expedition into the Kerdy country, called Musgow, to the south-east of Mandara, by the united forces of the sheikh and the sultan. The results were as favourable as the most savage confederacy could have anticipated—three thousand unfortunate wretches were dragged from their native wilds and sold to perpetual slavery; while, probably, double that number were sacrificed to obtain them. These nuptials are said to have been celebrated with great rejoicing, and

much barbarian splendour: the blood, however, which had been shed in the path to the altar, one would almost think, was sufficient to have extinguished the hymeneal torch, and annihilated the bearers.

This treaty of alliance left the sultan of Mandara no other enemies than the Felatahs to contend with; and his power had increased too much for him to fear any offensive measures on their part: on the contrary, he had been at the time of our expedition for some months seeking for an opportunity to commence hostilities himself*. The Mandara force consists principally of cavalry, which, as their horses are of a superior breed, have a very imposing appearance. Some of the Kerdy towns occasionally furnish a few bowmen; but as their only object is plunder in the event of a victory, on the least appearance of a contrary result they quickly betake themselves to their mountain habitations. The principal Mandara towns are eight in number, and all stand in the valley: these, and the smaller ones by which they are surrounded, all profess Islamism. The Kerdies are far more numerous; and their dwellings are seen everywhere in clusters on the sides, and even at the top, of the very

* A deputation of twenty-seven from Musfeia and Zouay had but a short time before arrived at Mora, for the purpose of arranging some detention of property belonging to them, which had been seized by the Mandara people. They were admitted to a parley; but had no sooner quitted the presence of the sultan, than the throats of all of them were instantly cut by the eunuchs and their slaves.

hills which immediately overlook (Mora), the Mandara capital. The fires which were visible in the different nests of these unfortunates threw a glare upon the bold peaks and bluff promontories of granite rock by which they were surrounded, and produced a picturesque and somewhat awful appearance. The dread in which they hold the sultan has been considerably increased by his close alliance with the sheikh ; and the appearance of such a force as that which accompanied Barca Gana, bivouacked in the valley, was a most appalling sight to those who occupied the overhanging heights : they were fully aware, that for one purpose alone would such a force visit their country ; and which of them were to be the victims, must have been the cause of most anxious inquietude and alarm to the whole. By the assistance of a good telescope, I could discover those who, from the terms on which they were with Mandara, had the greatest dread, stealing off into the very heart of the mountains ; while others came towards Mora, bearing leopard skins, honey, and slaves, plundered from a neighbouring town, as peace-offerings ; also asses and goats, with which their mountains abound : these were not, however, on this occasion destined to suffer. The people of Musgow, whose country it was at first reported (although without foundation) that the Arabs were to plunder, sent two hundred head of their fellow-creatures, besides other presents, to the sultan, with more than fifty horses. Between twenty and thirty horsemen, mounted on small, fiery, and very well

formed steeds of about fourteen hands high, with a numerous train, were the bearers of these gifts—and a most extraordinary appearance they made. I saw them on their leaving the sultan's palace; and both then, and on their entrance, they threw themselves on the ground, pouring sand on their heads, and uttering the most piteous cries. The horsemen, who were chiefs, were covered only by the skin of a goat or leopard, so contrived as to hang over the left shoulder, with the head of the animal on the breast; and being confined round the middle, was made to reach nearly half way down the thigh, the skin of the tail and legs being also preserved. On their heads, which were covered with long woolly, or rather bristly, hair, coming quite over their eyes, they wore a cap of the skin of the goat, or some fox-like animal; round their arms, and in their ears, were rings of what to me appeared to be bone; and round the necks of each were from one to six strings of what I was assured were the teeth of the enemies they had slain in battle: teeth and pieces of bone were also pendant from the clotted locks of their hair, and with the red patches with which their body was marked in different places, and of which colour also their own teeth were stained, they really had a most strikingly wild, and truly savage appearance. What very much increased the interest I felt in gazing upon these beings, who, to appearance, were the most savage of their race, was the positive assertion of Boo-Khaloom that they were Christians. I had certainly no other

argument at the moment to use, in refutation of his position, but their most unchristian-like appearance and deportment: in this he agreed, but added, “*Wolla Insara*, they are Christians!” Some of them, however, begging permission to regale themselves on the remains of a horse, which had died during the night in our camp, gave me, as I thought, an unanswerable argument against him. I can scarcely, however, at this moment forget how disconcerted I felt when he replied, “That is nothing: I certainly never heard of Christians eating dead horse-flesh, but I know they eat the flesh of swine, and God knows that is worse!” “Grant me patience!” exclaimed I to myself; “this is almost too much to bear, and to be silent.”

I endeavoured, by means of one of the Mandara people, to ask some questions of these reputed Christians, but my attempts were fruitless; they would hold no intercourse with any one; and, on gaining permission, carried off the carcass of the horse to the mountains, where, by the fires which blazed during the night, and the yells that reached our ears, they no doubt held their savage and brutal feast.

April 24.—The sultan of Mandara had given no intimation whatever of his intentions with regard to Boo-Khaloom’s destination, and in consequence the impatience and discontent of the latter were extreme. Offerings poured in, from all the Kerdy nations; and the sultan excused himself to Boo-Khaloom for the delay, on account of the extreme tractability of

the people around him, who, he said, were becoming Mussulmans without force. Again Musgow was mentioned; adding, that the warlike arm of the Arabs, bearing the sword of the Prophet, might turn their hearts. This hypocrisy, however, Boo-Khaloom inveighed against most loudly to me, declaring that the conversion of the Kerdy people would lose him (the sultan) thousands of slaves, as their constant wars with each other afforded them the means of supplying him abundantly.

My own patience, also, this morning underwent a severe trial. I applied to Barca Gana, by dawn of day, for one of his men to accompany me to the mountains; and after some conversation a chief was sent with me to the house of the *suggamah* (chief of the town), who sent me to another, and he begged I might be taken to a third. They all asked me a hundred questions, which was natural enough; begged powder—looked at my gun—snapped the lock so often, that I feared they would break it, exclaiming, “Y-e-o-o-o! wonderful! wonderful!” when the fire came. At last, however, when I once got it in my hand, I loaded both the barrels, and after that I could not induce one of them to put their hands within five yards of it. The last great man whose house I was taken to cunningly begged me to fire, calling his slaves to stand round him while I complied with his request: immediately after he asked for the gun, and carried it into an inner court. I was kept full half an hour waiting; when about ten

slaves rushed out, gave me the gun, and told the guide to carry me to the palace. I complained that they had stolen both my flints—they all came to look, and crowding round me, exclaiming, “Y-e-o-o-o!” and this was all the redress I could obtain. I soon after found out that the flints were not my only loss; my pocket handkerchief also, which several had petitioned for without success, had been stolen.

Arrived at the palace, I was desired to wait in the skiffa. I began to walk about, but was told that was not allowed, that I must sit down on the ground: after waiting nearly an hour, during which time I was desirous more than once to return, but was told by my guide that it was impossible until the sultan gave orders, I was conducted into the presence of the chief eunuch; he desired me to stop within about twelve yards of him, and then said, “The sultan could not imagine what I wanted at the hills. Did I wish to catch the Kerdies alone?—that I had better buy them,—he would sell me as many as I pleased.” He then made some remark which was not interpreted, and which created a loud laugh in all the bystanders: the joke was evidently at my expense, although I was not aware of its point. I assured him, “that I did not wish to go at all to the hills if the sultan had the slightest objection, that it was purely curiosity, and that as to catching Kerdies, I would not take them if given to me.” This put us all to rights; I gave him some powder, and he was as civil as he could be to such a kafir as myself.

Six men, armed with huge clubs and short daggers, were now desired to accompany me. The sultan's anxiety for my safety, the eunuch assured me, was the only reason I had found any difficulty. What directions these, my satellites, had received, I know not, but they watched me so closely, appeared so jealous of every stone I picked up, that I did not venture to sketch the shape of a single hill. It was now nearly mid-day, and we proceeded about three quarters of a mile along the valley, which is on the south-west side of the town, and advanced a little into two of the chasms, which appear in the southernmost ridge of the chain. In one of these we found a beautiful stream of water, bubbling from a bed of glittering sand, under two immense blocks of granite, which seemed to form a rude arch over the spot. Several naked people, chiefly women and girls, ran from the place as we approached, and scrambled up the side of the mountain with the most monkey-like agility. I was abundantly assured that this chain of mountains, the highest parts of which, in the neighbourhood of Mandara, do not exceed two thousand five hundred feet, extends nearly south for more than two months' journey—how much beyond that they know not. The only communication, in this direction, is by means of a few venturesome freed slaves, who penetrate into these countries with beads and tobies, which are eagerly bought up, as well as turkadies from Soudan, and slaves and skins are given in exchange. The nations are very nu-

generally paint, and stain their bodies different colours, and live in common, without any regard to relationship. Large lakes are frequently met with, plentifully supplied with fish. Mangoes, wild figs, and ground nuts, are found in the valleys. It does not appear that any other metal besides iron, which is abundant, has been discovered in these hills : near Karowa, to the south-west of Mandara, it is most plentiful.

The sound of the sultan's trumpets, now heard at a distance, created a strong sensation amongst my attendants ; they all declared we must return instantly ; and when I very gently attempted to remonstrate a little, one of them took hold of the reins of my horse without any ceremony, turned him round, and led him on, while all the rest followed towards the town ; of course I very quietly submitted, wondering what was the cause of alarm : it was, however, nothing but that the sultan was giving audience, and these gentlemen of the chamber did not choose to be absent. They left me as soon as we approached the houses, and I was then instantly surrounded by at least a hundred others, who were so anxious to put their hands into, and examine, every thing about me, that I put spurs to my horse, and made the best of my way to the camp. I was exceedingly fatigued with my morning's work, and crept into my tent, where I endured three hours of misery from a degree of excessive heat, surpassing all I could have supposed mankind were born to suffer here below.

Barca Gana sent to me soon after, and I found him preparing to receive one of the chief eunuchs of the sultan in his outward tent; his people all sitting round him on the sand, with their backs towards their chief, and eyes inclined downwards. Nothing can be more solemn than these interviews; not an eye is raised, or a smile seen, or a word spoken, beyond "Long life to you! A happy old age! Blessing! Blessing! May you trample on your enemies! Please God! Please God!" then the fatah, which is seldom or never omitted. The great man first inquired, "why I went to the hills; and what I wanted with the stones I had picked up, and put in a bag which I carried near my saddle?" Barca Gana applied to me for information, and the bag was sent for. My specimens were not more than fifteen in number, and the eunuch, laying his hand on two pieces of fine grained granite, and some quartz, asked, "how many dollars they would bring in my country?" I smiled, and told him, "Not one: that I had no object in taking them beyond curiosity—that we had as much in England as would cover his whole country, and that I was pleased to find similar natural productions here. Assure the sultan," added I, to Barca Gana, "that to take any thing from any of the inhabitants of these countries is not the wish of the English king: the sheikh knows our intentions, which are rather to make them acquainted with European produce; and if useful to them, send more into their country." "True,

true!" said Barca Gana: "what have you brought for the sultan?"—and here I was again in a dilemma. I had only one small looking-glass of my own; neither knives, scissors, nor beads, although we had cases of them at Bornou. Something, however, was necessary to be given; I therefore sent for my trunk, and gave the sultan two French red imitation shawls, which I had bought for my own use, my own razor, and a pair of scissors; while for himself the eunuch took my two remaining pocket-handkerchiefs, and a coloured muslin one, with which he appeared to be highly delighted.

April 25.—The news of the presents I had produced brought early this morning fifteen of the sultan's sons, with double the number of followers, to my tent: they all wanted gunpowder, knives, and scissors; I had however neither one nor the other to give them. Two or three of the oldest of the princes got a French silk handkerchief each, and one a pair of cotton socks, and, of course, the others went away sadly discontented. I this morning ventured to make two attempts at sketching, but my apparatus and myself were carried off without ceremony to the sultan. My pencils marking without ink created great astonishment, and the facility with which its traces were effaced by Indian rubber seemed still more astonishing. My old antagonist, Malém Chadily, was there, and affected to treat me with great complaisance: he talked a great deal about me and my country, which made his hearers repeatedly

cry out, “Y-e-o-o-o!” but what the purport of his observations were I could not make out. I endeavoured, however, to forget all his former rudeness, took every thing in good part, and appeared quite upon as good terms with him as he evidently wished to appear to be with me. Several words were written both by him and the others, which the rubber left no remains of; at length the fighi wrote *Bismillah arachmani aracheme* (in the name of the great and most merciful God), in large Koran characters; he made so deep an impression on the paper, that, after using the Indian rubber, the words still appeared legible: “This will not quite disappear,” said I. “No, no!” exclaimed the fighi, exulting; “they are the words of God, delivered to our Prophet! I defy you to erase them!” “Probably so,” said I; “then it will be in vain to try.” He showed the paper to the sultan, and then around him, with great satisfaction; they all exclaimed, “Y-e-o-o-o-o! *La illah el Allah! Mohammed rassoul Allah!*”—cast looks at me expressive of mingled pity and contempt, and I was well pleased when allowed to take my departure.

The whole of this scene was repeated to Barca Gana in his tent in the evening, and they all exclaimed “Wonderful! Wonderful!” and as I did not contradict any part of his account, the fighi thus addressed me: “Rais, you have seen a miracle! I will show you hundreds, performed alone by the words of the wonderful book! You have a book

also, you say, but it must be false.—Why? Because it says nothing of Saidna Mohammed, that is enough. —*Shed! Shed!* turn! turn! say ‘God is God, and Mohammed is his prophet.’ *Sully* (wash), and become clean, and paradise is open to you: without this, what can save you from eternal fire? Nothing! —Oh! I shall see you while sitting in the third heaven, in the midst of the flames, crying out to your friend Barca Gana and myself, *Malem saherbi!* (friend), give me a drink or a drop of water!’ but the gulf will be between us, and then it will be too late.” The Malem’s tears flowed in abundance during this harangue, and every body appeared affected by his eloquence.

I felt myself, at this period, extremely uncomfortable; and Barca Gana, who saw my distress, called me into the inner tent, where nobody accompanied him, except by invitation. “The *fighi*,” said he, “is a *rajal alem* (clever man).” “Very likely,” said I; “but he surely might leave me to my own belief, as I leave him to his.” “*Staffër Allah!*” (God forbid!) said he. “Do not compare them.” “I do not,” said I, “God knows; but you, Kashella, should protect me from such repeated annoyance.” “No,” replied Barca, “in this I cannot interfere. Malem is a holy man. Please God! you will be enlightened, and I know the sheikh wishes it; he likes you, and would you stay amongst us, he would give you fifty slaves of great beauty, build you a house like his son’s, and give you wives

from the families of any of his subjects you choose !”

“ Were you to return to England with me, Kashella, as you sometimes talk about, with the sheikh’s permission, would it not be disgraceful for you to turn Christian, and remain ? Were I to do as you would have me, how should I answer to my sultan who sent me ?” “ God forbid !” said he ; “ you are comparing our faiths again. I propose to you eternal paradise, while you would bring me to ——.” “ Not a word more,” said I.—“ Good night !” “ Peace be with you ! I hope we shall always be friends,” said he. “ Please God !” returned I. “ Amen !” said the kashella.

This night we had a more dreadful storm than I ever remember being out in. The top of my Egyptian tent, which I had preferred bringing on account of its portability, was carried completely off, and the pole broken. The brightness of the lightning rendered it more like noon than midnight : a tamarind-tree was torn up by its roots in the valley near us ; huge masses of stone rolled down the sides of the mountain ; and I crept into a corner of Barca Gana’s outer tent, where slept his guaru ; and, although every rag about me was drenched with water, I was in a short time insensible to the storm which raged around me.

In the morning, however, I suffered considerably from pains in all my limbs and head. The Arabs, also, were full of complaints, and extremely dissatisfied with their situation ; they loudly exclaimed

against their delay. They had, for days, eaten nothing but a little flour and water, without fat: the sultan of Mandara would grant them no supply, and they demanded of Boo-Khaloom to go on, or turn back. The rain again fell in torrents, which is an Arab's greatest dread, and they assembled round Boo-Khaloom's tent, almost in a state of mutiny. Boo-Khaloom himself was excessively ill, more, I believe, from vexation than sickness. He had a long interview with the sultan, and returned very much irritated: he merely told me, as he passed, "that we should move in the evening:" and when I asked, "if every thing went well?" he merely answered, "*In shallah!*" (Please God). The Arabs, from whom he kept his destination a secret, received him with cheers. Who they were going against they cared but little, so long as there was a prospect of plunder, and the whole camp became a busy scene of preparation.

Two hours after noon we commenced our march through a beautiful valley to the east of Mora, winding round the hills which overhang the town, and penetrating into the heart of the mass of mountains nearly to the south of it. About sunset we halted in a very picturesque spot, called Hairey, surrounded by a superb amphitheatre of hills. Barca Gana's tent was pitched under the shade of one side of an immense tree, called gubberah, much resembling a fig-tree, although wanting its delicious fruit; and the remnants of my tent, which had been mended

by his people, and now stood about three feet from the ground, were placed on the opposite side. The trunks of these trees commonly measure ten and twelve yards in circumference near the root, and I have seen them covering more than half an acre of ground with their wide-spreading branches.

Soon after our arrival, the sultan's trumpets announced his approach, and he took up his station, at no great distance, under a tree of the same kind ; he never used a tent, but slept in an open space, surrounded by his eunuchs. At Hairey are the remains of a Mandara town, long since destroyed by the Felatahs ; parts of the mud walls were still standing, and under shelter of these the troops bivouacked. The scorpions, however, made their appearance in the course of the night in great numbers, and several men were stung by them : on hearing the disturbance, and learning the cause, I called my negro, and, striking a light, we killed three in my tent ; one of them was full six inches in length, of the black kind, exactly resembling those I had seen in Tripoli.

In consequence of Boo-Khaloom's illness, it was after daylight when we broke up from our encampment, and probably the mountain scenery, by which we were surrounded, could scarcely be exceeded in beauty and richness. On all sides the apparently interminable chain of hills closed upon our view : in rugged magnificence, and gigantic grandeur, though not to be compared with the Higher Alps, the Apennines, the Jura, or even the Sierra Morena, in mag-

nitude, yet by none of these were they surpassed in picturesque interest. The lofty peaks of Vahmy, Savah, Joggiday, Munday, Vayah, Moyung, and Memay, with clustering villages on their stony sides, appeared to the east and west of us; while Horza, exceeding any of her sister hills in height, as well as in beauty, appeared before us to the south, with its chasm or break through which we were to pass; and the winding rugged path we were about to tread was discernible in the distance. The valley in which I stood had an elevation superior to that of any part of the kingdom of Bornou, for we had gradually ascended ever since quitting Kouka; it was in shape resembling a large pentagon, and conveyed strongly the idea of its having been the bed or basin of some ancient lake, for the disappearance of which all hypothesis would be vain and useless. There were the marks of many outlets, some long and narrow fissures, through which the waters might have broken; the channel by which we had entered appearing most likely to have carried off its contents.

On proceeding through the pass of Horza, where the ascent continued, its perpendicular sides exceeding two thousand five hundred feet in height, hung over our heads with a projection almost frightful; the width of the valley did not exceed five hundred yards, and the salient and re-entering angles so perfectly corresponded, that one could almost imagine, if a similar convulsion of nature to that which separated were to bring its sides again together, they

would unite, and leave no traces of their ever having been disjoined.

It was long after mid-day when we came to the mountain stream called Mikwa, and it afforded an indescribable relief to our almost famished horses and ourselves : the road, after quitting the Horza pass, had been through an extensive and thickly-planted valley, where the tree gubberah, the tamarind, a gigantic wild fig, and the mangoe (called by the Mandaras *ungerengera*, and *comonah* by the Bornouese), flourished in great numbers and beauty. This was the first spot I had seen in Africa where Nature seemed at all to have revelled in giving life to the vegetable kingdom ; the leaves presented a bright luxuriant verdure, and flowers, from a profusion of climbing parasitical plants, winding round the trunks of the trees, left the imagination in doubt as to which of them the fair aromatic blossoms that perfumed the air were indebted for their nourishment. The ground had frequent irregularities ; and broken masses of granite, ten and twelve feet in height, were lying in several places, but nearly obscured by the thick underwood growing round them, and by the trees, which had sprung up out of their crevices. The nearest part of the hills, to which these blocks could have originally belonged, was distant nearly two miles.

When the animals had drunk we again moved on, and after eighteen miles of equally verdant country, more thickly wooded, we came, after sunset, to an-

other stream, near some low hills, called Makkeray, where we were to halt for a few hours to refresh, and then move again, so as to commence an attack on the Felatahs, who were said to be only about sixteen miles distant, with the morning sun.

Our supper, this night, which indeed was also our breakfast, consisted of a little parched corn pounded and mixed with water, the only food we had seen since leaving Mora. Nothing could look more like fighting than the preparations of these Bornou warriors, although nothing could well be more unlike it than the proof they gave on the morrow. The closely-linked iron jackets of the chiefs were all put on, and the sound of their clumsy and ill-shapen hammers, heard at intervals during the night, told the employment of the greater part of their followers.

About midnight the signal was given to advance. The moon, which was in her third quarter, afforded us a clear and beautiful light, while we moved on silently, and in good order, the sultan of Mandara's force marching in parallel columns to our own, and on our right. At dawn, the whole army halted to sully : my own faith also taught me a morning prayer, as well as that of a Musselman, though but too often neglected.

As the day broke on the morning of the 28th of April, a most interesting scene presented itself. The sultan of Mandara was close on our flank, mounted on a very beautiful cream-coloured horse, with several large red marks about him, and followed by his six

favourite eunuchs, and thirty of his sons, all being finely dressed, and mounted on really superb horses ; besides which, they had each from five to six others, led by as many negroes : the sultan had at least twelve. Barca Gana's people all wore their red scarfs, or bornouses, over their steel jackets, and the whole had a very fine effect. I took my position at his right hand, and at a spot called Duggur we entered a very thick wood, in two columns, at the end of which it was said we were to find the enemy.

During the latter part of the night, while riding on in front with Maramy, the sheikh's negro, who had accompanied me from Konka, and who appeared to attach himself more closely to me as we approached danger, we had started several animals of the leopard species, who ran from us so swiftly, twisting their long tails in the air, as to prevent our getting near them. We, however, now started one of a larger kind, which Maramy assured me was so satiated with the blood of a negro, whose carcass we found lying in the wood, that he would be easily killed. I rode up to the spot just as a Shouaa had planted the first spear in him, which passed through the neck, a little above the shoulder, and came down between the animal's legs ; he rolled over, broke the spear, and bounded off with the lower half in his body. Another Shouaa galloped up within two arms' length, and thrust a second through his loins ; and the savage animal, with a woful howl, was in the act of springing on his pursuer, when an Arab shot him through the

head with a ball, which killed him on the spot. It was a male panther (*zaserma*) of a very large size, and measured, from the point of the tail to the nose, eight feet two inches; the skin was yellow, and beautifully marked with orbicular spots on the upper part of the body, while underneath, and at the throat, the spots were oblong and irregular, intermixed with white. These animals are found in great numbers in the woods bordering on Mandara: there are also leopards, the skins of which I saw, but not in great numbers. The panthers are as insidious as they are cruel; they will not attack any thing that is likely to make resistance, but have been known to watch a child for hours, while near the protection of huts or people. It will often spring on a grown person, male or female, when carrying a burthen, but always from behind: the flesh of a child or of a young kid it will sometimes devour, but when any full-grown animal falls a prey to its ferocity, it sucks the blood alone.

A range of minor hills, of more recent formation than the granite chain from which they emanate (which I cannot but suppose to form a part of El Gibel Gumhr, or Mountains of the Moon), approaches quite to the skirts of the extensive wood through which we were passing; and numerous deep ravines, and dry water-courses, rendered the passage tedious and difficult. On emerging from the wood, the large Felatah town of Dirkulla was perceivable, and the Arabs were formed in front, headed by Boo-

Khaloom : they were flanked on each side by a large body of cavalry ; and, as they moved on, shouting the Arab war-cry, which is very inspiring, I thought I could perceive a smile pass between Barca Gana and his chiefs, at Boo-Khaloom's expense. Dirkulla was quickly burnt, and another smaller town near it ; and the few inhabitants that were found in them, who were chiefly infants, and aged persons unable to escape, were put to death without mercy, or thrown into the flames.

We now came to a third town, in a situation capable of being defended against assailants ten times as numerous as the besiegers : this town was called Musfeia. It was built on a rising ground between two low hills at the base of others, forming part of the mass of the Mandara mountains : a dry wadey extended along the front ; beyond the wadey a swamp ; between this and the wood the road was crossed by a deep ravine, which was not passable for more than two or three horses at a time. The Felatahs had carried a very strong fence of palisades, well pointed, and fastened together with thongs of raw hide, six feet in height, from one hill to the other, and had placed their bowmen behind the palisades, and on the rising ground, with the wadey before them ; their horse were all under cover of the hills and the town :—this was a strong position. The Arabs, however, moved on with great gallantry, without any support or co-operation from the Bornou or Mandara troops, and notwithstanding the showers



of arrows, some poisoned, which were poured on them from behind the palisades, Boo-Khaloom, with his handful of Arabs, carried them in about half an hour, and dashed on, driving the Felatahs up the sides of the hills. The women were every where seen supplying their protectors with fresh arrows during this struggle; and when they retreated to the hills, still shooting on their pursuers, the women assisted by rolling down huge masses of the rock, previously undermined for the purpose, which killed several of the Arabs, and wounded others. Barca Gana, and about one hundred of the Bornou spearmen, now supported Boo-Khaloom, and pierced through and through some fifty unfortunates who were left wounded near the stakes. I rode by his side as he pushed on quite into the town, and a very desperate skirmish took place between Barca Gana's people and a small body of the Felatahs. These warriors throw the spear with great dexterity; and three times I saw the man transfixed to the earth who was dismounted for the purpose of firing the town, and as often were those who rushed forward for that purpose sacrificed for their temerity, by the Felatahs. Barca Gana, whose muscular arm was almost gigantic, threw eight spears, which all told, some of them at a distance of thirty or thirty-five yards, and one particularly on a Felatah chief, who with his own hand had brought four to the ground.

“Incident ictus,
Iugens ad terram duplicato poplite Turnus.”

Had either the Mandara or the skeikh's troops now moved up boldly, notwithstanding the defence these people made, and the reinforcements which showed themselves to the south-west, they must have carried the town with the heights overlooking it, along which the Arabs were driving the Felatahs by the terror their miserable guns excited ; but, instead of this, they still kept on the other side of the wadey, out of reach of the arrows.

The Felatahs seeing their backwardness, now made an attack in their turn ; the arrows fell so thick that there was no standing against them, and the Arabs gave way. The Felatah horse now came on ; and had not the little band round Barca Gana, and Boo-Khaloom, with a few of his mounted Arabs, given them a very spirited check, not one of us would probably have lived to see the following day ; as it was, Barca Gana had three horses hit under him, two of which died almost immediately, the arrows being poisoned, and poor Boo-Khaloom's horse and himself received their death-wounds by arrows of the same description. My horse was badly wounded in the neck, just above the shoulder, and in the near hind leg : an arrow had struck me in the face as it passed, merely drawing the blood, and I had two sticking in my bornouse. The Arabs had suffered terribly ; most of them had two or three wounds, and one dropped near me with five sticking in his head alone : two of Boo-Khaloom's slaves were killed also, near

No sooner did the Mandara and Bornou troops see the defeat of the Arabs, than they, one and all, took to flight in the most dastardly manner, without having once been exposed to the arrows of the enemy, and in the utmost confusion. The sultan of Mandara led the way, who was prepared to take advantage of whatever plunder the success of the Arabs might throw in his way, but no less determined to leave the field the moment the fortune of the day appeared to be against them.

I now for the first time, as I saw Barca Gana on a fresh horse, lamented my own folly in so exposing myself, badly prepared as I was for accidents. If either of my horse's wounds were from poisoned arrows, I felt that nothing could save me: however there was not much time for reflection; we instantly became a flying mass, and plunged, in the greatest disorder, into that wood we had but a few hours before moved through with order, and very different feelings. I had got a little to the westward of Barca Gana, in the confusion which took place on our passing the ravine which had been left just in our rear, and where upwards of one hundred of the Bornows were speared by the Felatahs, and was following at a round gallop the steps of one of the Mandara eunuchs, who, I observed, kept a good look out, his head being constantly turned over his left shoulder, with a face expressive of the greatest dismay—when the cries behind, of the Felatahs, made us both quicken our paces. I, had

the effect of incapacitating my beast altogether, as the arrow, I found afterwards, had reached the shoulder-bone, and in passing over some rough ground, he stumbled and fell. Almost before I was on my legs, the Felatahs were upon me; I had, however, kept hold of the bridle, and seizing a pistol from the holsters, I presented it at two of these ferocious savages, who were pressing me with their spears: they instantly went off; but another who came on me more boldly, just as I was endeavouring to mount, received the contents somewhere in his left shoulder, and again I was enabled to place my foot in the stirrup. Remounted, I again pushed my retreat; I had not, however, proceeded many hundred yards, when my horse again came down, with such violence as to throw me against a tree at a considerable distance; and alarmed at the horses behind him, he quickly got up and escaped, leaving me on foot and unarmed.

The eunuch and his four followers were here butchered, after a very slight resistance, and stripped within a few yards of me: their cries were dreadful; and even now the feelings of that moment are fresh in my memory: my hopes of life were too faint to deserve the name. I was almost instantly surrounded, and incapable of making the least resistance, as I was unarmed—was as speedily stripped, and whilst attempting first to save my shirt and then my trowsers, I was thrown on the ground. My pursuers made several thrusts with their spears, that badly wound my arms, legs, and places, and slightly my

body, just under my ribs on the right side : indeed, I saw nothing before me but the same cruel death I had seen unmercifully inflicted on the few who had fallen into the power of those who now had possession of me ; and they were alone prevented from murdering me, in the first instance, I am persuaded, by the fear of injuring the value of my clothes, which appeared to them a rich booty—but it was otherwise ordained.

My shirt was now absolutely torn off my back, and I was left perfectly naked. When my plunderers began to quarrel for the spoil, the idea of escape came like lightning across my mind, and without a moment's hesitation or reflection I crept under the belly of the horse nearest me, and started as fast as my legs could carry me for the thickest part of the wood : two of the Felatahs followed, and I ran on to the eastward, knowing that our stragglers would be in that direction, but still almost as much afraid of friends as foes. My pursuers gained on me, for the prickly underwood not only obstructed my passage, but tore my flesh miserably ; and the delight with which I saw a mountain-stream gliding along at the bottom of a deep ravine cannot be imagined. My strength had almost left me, and I seized the young branches issuing from the stump of a large tree which overhung the ravine, for the purpose of letting myself down into the water, as the precipitous, when, under my hand, I fell to the weight of my body, and I

of serpent this country produces, rose from its coil, as if in the very act of striking. I was horror-struck, and deprived for a moment of all recollection—the branch slipped from my hand, and I tumbled headlong into the water beneath; this shock, however, revived me, and with three strokes of my arms I reached the opposite bank, which, with difficulty, I crawled up; and then, for the first time, felt myself safe from my pursuers.

Scarcely had I audibly congratulated myself on my escape, when the forlorn and wretched situation in which I was, without even a rag to cover me, flashed with all its force upon my imagination. I was perfectly collected, though fully alive to all the danger to which my state exposed me, and had already begun to plan my night's rest, in the top of one of the tamarind-trees, in order to escape the panthers which, as I had seen, abounded in these woods, when the idea of the lifias, almost as numerous, and equally to be dreaded, excited a shudder of despair.

I now saw horsemen through the trees, still farther to the east, and determined on reaching them, if possible, whether friends or enemies; and the feelings of gratitude and joy with which I recognised Barca Gana and Boo-Khaloom, with about six Arabs, although they also were pressed closely by a party
description. The guns
ikhs kept the Felatahs in
ie measure the retreat of

the footmen. I hailed them with all my might ; but the noise and confusion which prevailed, from the cries of those who were falling under the Felatah spears, the cheers of the Arabs rallying, and their enemies pursuing, would have drowned all attempts to make myself heard, had not Maramy, the sheikh's negro, seen and known me at a distance. To this man I was indebted for my second escape ; riding up to me, he assisted me to mount behind him, while the arrows whistled over our heads, and we then galloped off to the rear as fast as his wounded horse could carry us : after we had gone a mile or two, and the pursuit had something cooled, in consequence of all the baggage having been abandoned to the enemy, Boo-Khaloom rode up to me, and desired one of the Arabs to cover me with a bornouse. This was a most welcome relief, for the burning sun had already begun to blister my neck and back, and gave me the greatest pain. Shortly after, the effects of the poisoned wound in his foot caused our excellent friend to breathe his last : Maramy exclaimed, " Look, look ! Boo-Khaloom is dead ! " I turned my head, almost as great an exertion as I was capable of, and saw him drop from the horse into the arms of his favourite Arab—he never spoke after. They said he had only swooned ; there was no water, however, to revive him ; and about an hour after, when we came to Makkeray, he was past the reach of restoratives.

About the time L. .

Gana ordered a slave to bring me a horse, from which he had just dismounted, being the third that had been wounded under him in the course of the day; his wound was in the chest. Maramy cried, “*Sidi rais!* do not mount him; he will die!” In a moment, for only a moment was given me, I decided on remaining with Maramy. Two Arabs, panting with fatigue, then seized the bridle, mounted, and pressed their retreat: in less than half an hour he fell to rise no more, and both the Arabs were butchered before they could recover themselves. Had we not now arrived at the water as we did, I do not think it possible that I could have supported the thirst by which I was consuming. I tried several times to speak in reply to Maramy’s directions to hold tight, when we came to breaks or inequalities in the ground; but it was impossible; and a painful straining at the stomach and throat was the only effect produced by the effort.

On coming to the stream, the horses, with blood gushing from their nostrils, rushed into the shallow water, and, letting myself down from behind Maramy, I knelt down amongst them, and seemed to imbibe new life by the copious draughts of the muddy beverage which I swallowed. Of what followed I have no recollection: Maramy told me afterwards that I staggered across the stream, which was not above my waist, and that he had taken me by the arm, and led me to a tree on the other bank, where he made me halt, and took place by me, and to tie poor

Boo-Khaloom's body on a horse's back, at the end of which Maramy awoke me from a deep sleep, and I found my strength wonderfully increased: not so, however, our horse, for he had become stiff, and could scarcely move. As I learnt afterwards, a conversation had taken place about me, while I slept, which rendered my obligations to Maramy still greater: he had reported to Barca Gana the state of his horse, and the impossibility of carrying me on, when the chief, irritated by his losses and defeat, as well as at my having refused his horse, by which means, he said, it had come by its death, replied, "Then leave him behind. By the head of the Prophet! believers enough have breathed their last to-day. What is there extraordinary in a Christian's death?" "*Raas il Nibbe-Salaam Yassarat il le mated el Yecom ash min gieb l'can e mut Nesserani Wahad.*" My old antagonist Malem Chadily replied, "No, God has preserved him; let us not forsake him!" Maramy returned to the tree, and said "his heart told him what to do." He awoke me, assisted me to mount, and we moved on as before, but with tottering steps and less speed. The effect produced on the horses that were wounded by poisoned arrows was extraordinary: immediately after drinking they dropped, and instantly died, the blood gushing from their nose, mouth, and ears. More than thirty horses were lost at this spot.

In this way we continued our journey
after midnight when

dara's territory. Riding more than forty-five miles, in such an unprovided state, on the bare back of a lean horse, the powerful consequences may be imagined. I was in a deplorable state the whole night ; and notwithstanding the irritation of the flesh wounds was augmented by the woollen covering the Arab had thrown over me, teeming as it was with vermin, it was evening the next day before I could get a shirt, when one man who had two, both of which he had worn eight or ten days at least, gave me one, on a promise of getting a new one at Kouka. Barca Gana, who had no tent but the one he had left behind him with his women at Mora, on our advance, could offer me no shelter ; and he was besides so ill, or chagrined, as to remain invisible the whole day. I could scarcely turn from one side to the other, but still, except at intervals when my friend Maramy supplied me with a drink made from parched corn, bruised, and steeped in water, a grateful beverage, I slept under a tree nearly the whole night and day, of the 29th. Towards the evening I was exceedingly disordered and ill, and had a pleasing proof of the kind-heartedness of a Bornouese.

Mai Meegamy, the dethroned sultan of a country to the south-west of Angornou, and now subject to the sheikh, took me by the hand as I crawled out of my nest for a few minutes, and with many exclamations and a countenance full of commiseration, offered me a tent, and, sitting down, took off his trowsers, insisting I

should put them on. Really, no act of charity could exceed this ! I was exceedingly affected at so unexpected a friend, for I had scarcely seen, or spoken three words to him ; but not so much so as himself, when I refused to accept of them :—he shed tears in abundance ; and thinking, which was the fact, that I conceived he had offered the only ones he had, immediately called a slave, whom he stripped of those necessary appendages to a man's dress, according to our ideas, and putting them on himself, insisted again on my taking those he had first offered me. I accepted this offer, and thanked him with a full heart ; and Meegamy was my great friend from that moment until I quitted the sheikh's dominions.

We found that forty-five of the Arabs were killed, and nearly all wounded ; their camels, and every thing they possessed, lost. Some of them had been unable to keep up on the retreat, but had huddled together in threes and fours during the night, and by showing resistance, and pointing their guns, had driven the Felatahs off. Their wounds were some of them exceedingly severe, and several died during the day and night of the 29th ; their bodies, as well as poor Boo-Khaloom's, becoming instantly swollen and black ; and sometimes, immediately after death, blood issuing from the nose and mouth, which the Bornou people declared to be in consequence of arrows having been poisoned. The who had now lost all their boasting, humbly entreated

them with a little corn to save them from starving. The sultan of Mandara behaved to them unkindly, though not worse than they deserved, refused all manner of supplies, and kept Boo-Khaloom's saddle, horse-trappings, and the clothes in which he died. He also began making preparations for defending himself against the Felatahs, who, he feared, might pay him a visit; and on the morning of the 30th April we left Mora, heartily wishing them success, should they make the attempt.

Boo-Khaloom's imprudence in having suffered himself to be persuaded to attack the Felatahs became now apparent, as although, in case of his overcoming them, he might have appropriated to himself all the slaves, both male and female, that he found amongst them; yet the Felatahs themselves were Moslem, and he could not have made them slaves. He was, however, most likely deceived by promises of a Kerdy country to plunder, in the event of his success against these powerful people, alike the dreaded enemies of the sheikh and the sultan of Mandara.

My wounded horse, which had been caught towards the evening of the fight by the Shouaas, and brought to me, was in too bad a state for me to mount, and Barca Gana procured me another. My pistols had been stolen from the holsters; but, fortunately, my saddle and bridle, though broken, remained. Thus ended our most successful expedition; it was the first step towards the oppression for its basis, sure?

We returned with great expedition, considering the wretched state we were in. On the sixth day after our departure from Mora, we arrived in Kouka, a distance of one hundred and eighty miles: the wounded Arabs remained behind, being unable to keep up with us, and did not arrive until four days after us. I suffered much, both in mind and body, but complained not; indeed all complaint would have been ill-timed, where few were enduring less than myself. My black servant had lost mule, canteens, and every thing, principally from keeping too near me in the action; and, by his obeying implicitly the strict orders I had given him not to fire on the Felatahs, he had narrowly escaped with his life. Bruised and lame, he could render me no assistance, and usually came in some hours after we had halted on our resting-ground. In the mid-day halts I usually crept under Mai Meegamy's tent; but at night I laid me down on the ground, close to that of Barca Gana, in order that my horse might get a feed of corn. I always fell into a sound sleep at night, as soon as I lay down, after drinking Maramy's beverage, who had supplied me with a little bag of parched corn, which he had procured at Mora; and about midnight a slave of the chief, whose name was most singularly like my own, Denhamah, always awoke me, to eat some gussub, paste, and fat, mixed with an herb called *maloheia* in Arabic. I was then taken from under Barca Gana's tent, and placed in the middle of his leavings; pride was

were severe ; my trunk with nearly all my linen, my canteens, a mule, my azimuth compass, my drawing-case, with a sketch of the hills, were also lost, although I obtained another sketch the morning of our quitting Mora. Such events, however, must sometimes be the consequence of exploring countries like these. The places I had visited were full of interest, and could never have been seen, except by means of a military expedition, without still greater risk. The dominions of the sheikh, in consequence of his being so extraordinarily enlightened for an inhabitant of central Africa, appear to be open to us ; but on looking around, when one sees dethroned sultans nearly as common as bankrupts in England ; where the strong arm for the time being has hitherto changed the destiny of kings and kingdoms ; no discoveries can be accomplished beyond this, without the greatest hazard both of life and property.

The sheikh laid all the blame of the defeat upon the Mandara troops, and assured me that I should see how his people fought when he was with them, in an expedition which he contemplated against Munga, a country to the west. I told him that I was quite ready to accompany him ; and this assurance seemed to give him particular satisfaction.

Of the Mandara chain, and its surrounding and incumbent hills, though full of interest, I regret my inability to give a more perfect account. A few observations, however, them, I shall lay before

like this, that a traveller laments the want of extensive scientific knowledge. I must therefore request those under whose eye these remarks may come to regard them in the light they are offered, not as pretensions to knowledge, but merely very humble endeavours at communicating information to the best of my ability.

The elevation gradually increases in advancing towards the equator; and the soil, on approaching Delow, where the northernmost point of the Mandara chain commences, is covered with a glittering micaceous sand, principally decomposed granite, which forms a productive earth. The hills extend in apparently interminable ridges east-south-east, south-west, and west; while to the south several masses or systems of hills, if I may so express myself, spread themselves out in almost every picturesque form and direction that can be imagined. Those nearest the eye apparently do not exceed 2500 feet in height; but the towering peaks which appear in the distance are several thousand feet higher. They are composed of enormous blocks of granite, both detached and reclining on each other, presenting the most rugged faces and sides. The interstices and fissures appeared to be filled with a yellow quartzose earth, in which were growing mosses and lichens: trees of considerable size also grow from between them. On almost all the hills that I approached, several places towards quite at the summit;

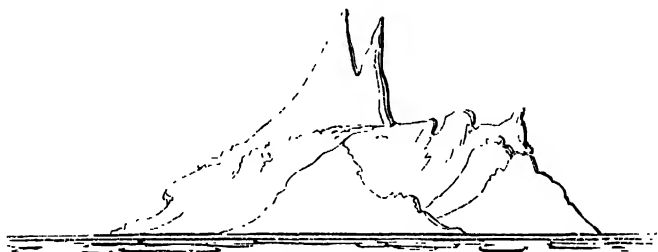
generally on the flats of the ridges. At the base of these mountains, and also at a considerable elevation on their sides, are incumbent masses of what appeared to be the decomposed fragments of primitive rocks recomposed, and united anew by a species of natural cement. At some distance from the base of those which I ascended from the valley of Mora, were collections of quartzose rocks, of great variety and colour; fragments of hornblende, and several large abutments of porphyroidal rocks. About one hundred yards above the spring which I have before mentioned, in a space between two projecting masses of rock, were numerous shells, some petrified and finely preserved, while others were perforated by insects, worm-eaten, and destroyed: they were confusedly mixed with fragments of granite, quartz, sand and clay; and in some cases adhered to pieces of the composition rocks: the greater part were of the oyster kind. Various specimens of these, with pieces of every variety of the structure of the hills, I had collected, but they were all lost in the general confusion of the battle; and on the return of the army I was unable to do more than procure a few specimens of the northernmost part of the mountains; and the half of these were lost by my negro.

Of the extent of this chain, or rather these groups of mountains, I can form no idea, except from the information of the Mandarins. I met with a man who (by the way) he was a son of Horn:

and went eastward to the Nile. Kaid-Moussa was a very intelligent fellow, had visited Nyffe, Raka, Waday, and Darfur; by which latter place also, he said this river passed. He was most particularly clear in all his accounts, and his statement agreed in some points with the information a Shouaa named Dreess-boo-Raas-ben-aboo-Deleel had given me; therefore I was the more inclined to pay attention to it. To the south of this river, the population is entirely Kerdy, until the Great Desert. This desert is passed several times in the year by kafilas with white people, not Christians, who bring goods from the great sea: some of these reach Adamowa. He himself saw white loaf sugar, such as the merchants brought here from Tripoli to the sheikh, and a gun or two, with metal pots and pans, and arrack (rum). The inhabitants were unanimous in declaring these mountains to extend southward for two months' journey; and in describing them, Yusuf called them "*kou kora, kora, kantaga*,"—mountains large, large, moon mountains. And from the increased love of enterprise apparent in our rising generation, we may one day hope to be as well acquainted with the true character of these stupendous mountains as with the lofty peaks of the Andes.

The extreme southern peak which I could discern was that called Mendify, which rose to the air with singular boldness. It was said to be at a distance from Musfeia of two long days' journey, or thirty-five miles. At that distance, it is not possible to see the

an alpine peak, of a most patriarchal height. I could perceive with a glass other mountains extending from its sides, the forms of which bore a tranquil character, compared with the arid and steep peaks which overlooked them. It resembled very much in appearance "Les Aiguilles," as they appear looking at them from the Mer-de-Glace. The following outline may serve to show their shape and character.



Iron is found in abundance in all the Mandara hills; but no other metal, that I was informed of. All the houses or huts at Mandara have outer doors to the court, which are made of pieces of wood, hasped together with iron. They make hinges, small bars, and a sort of hoe used to weed the corn, and send them for sale to the Bornou towns. The iron they use is mostly brought from the west near Karowa. I went to the house of a blacksmith, for the purpose of seeing some of the metal in its natural state, and found four men with a very rude forge, formed by a hole in the sand: the bellows were two kid skins,

duced by a man blowing these skins, which were open at the top to let in the air. Their hammers were two pieces of iron weighing about two pounds each, and a coarse piece of the same metal for an anvil; and considering their implements, they worked with some tact. I regretted much that I had not an English hammer to give them. Large masses of the iron, as nature produces it, were lying about; and they appeared to me as so many rusty earthy masses.

In appearance, the people of Mandara differ from the Bornouese, or Kanoury (as they call themselves); and the difference is all in favour of the former. The men are intelligent and lively, with high though flat foreheads, large sparkling eyes, wiry curled hair, noses inclining to the aquiline, and features altogether less flattened than the Bornouese. The women are proverbial for their good looks,—I cannot say beauty. I must allow them, however, all their acknowledged celebrity of form: they are certainly singularly gifted with the Hottentot protuberance; their hands and feet are delightfully small; and as these are all esteemed qualifications in the eye of a Turk, Mandara slaves will always obtain an advanced price. Certainly I never saw so much of them as when sporting in their native wilds, with not so much covering on as one of Eve's fig-leaves. A man who took me to be a Moo. merchant led me to his house, in order to show n est looking slaves in Mandara. He had thr sixteen,

sheikh. Previously, however, to his departure, he had determined on sending off a courier to Tripoli, with an account of Boo-Khaloom's death, and we availed ourselves of the opportunity by writing to England. On the 17th of May the courier departed; and on the 18th the sheikh began his march, and bivouacked at Dowergoo.

CHAPTER IV.

EXCURSION TO MUNGA AND THE GAMBAROU.

May 21.—EVER since my return from Mandara, an expedition, to be commanded by the sheikh in person, had been in agitation against a numerous people to the west called Munga. These people had never thoroughly acknowledged the sheikh's supremacy, and the collecting of their tribute had always been attended with difficulty and bloodshed. They had, however, now thrown off all restraint, and put to death about one hundred and twenty of the sheikh's Shouaas, and declared they would be no longer under his control, as the sultan of Bornou was their king; and headed by a fighi of great power, had begun to plunder and burn all the sheikh's towns near them. It was reported, and with some truth, that they could bring 12,000 bowmen into the field; by far the most efficient force to be found in the black country. To oppose these, the sheikh assembled his Kanemboo spearmen (who had accompanied him from their own country, and assisted him in wresting Bornou from the hands of the Felatahs), to the amount of between eight and nine thousand. These, with about five thousand Shouaas and Bornou men, composed the force with which he meant to subdue these rebels. Another complaint against the

Mungoway was, “ That they were kaffering *, and not saying their prayers ! the dogs.” This is, however, a fault which is generally laid to the charge of any nation against whom a true Musselman wages war, as it gives him the power of making them slaves. By the laws of Mohammed, one believer must not bind another.

Rhamadan, the period generally chosen for these expeditions, had commenced, since the 13th May ; and on the 8th, meaning to take the town of Yeou, with the many others on the banks of the river of that name in his way, both for the purpose of collecting forces and tribute †, the sheikh left Kouka for Dowergoo, a lake about six miles distant, his women, tents, &c. having preceded him in the morning.

Dr. Oudney and myself accompanied him outside the gates ; and at our request, he left Omar Gana, one of his chief slaves, to be our guide to the old city of Bornou, which we were anxious to see ; and from whence we were to proceed to Kabshary, still farther to the west, on the Gambarou, or Yeou, and there await his arrival.

May 22.—We left Kouka with five camels and four servants for Birnie, halting in the middle of the day, and making two marches, of from ten to fourteen miles, morning and evening. The country all

* Gaadeen, kafir.

† The feudal law exists here in full force ; and a man unwilling to serve, provides one or more substitutes according to his means.

round Kouka is uninteresting and flat, the soil alluvial, and not a stone of any kind to be seen, but thickly scattered with trees, mostly acacias. We sometimes came to a few huts, and a well or two of indifferent water; and a mess of rice from our stores was our usual supper.

On the 24th, about noon, we arrived at the river Yeou, and halted at a rather large nest of huts called Lada. We were now seventy miles from Kouka. The river here makes a bend resembling the letter S, the water extremely shallow, and a dry path over the bed of the river appeared close to our halting-place, although the banks were high, and capable of containing a very large stream. I walked out, following the easterly course of the stream in search of game; but within four hundred yards of the banks, the ground was so choked with high grass and prickly underwood, that I was obliged to take a path more inland, where a partial clearance had been made for the sake of some scanty cotton plantations. Pursuing some Guinea fowl across one of these, I was assailed by the cries of several women and children, who having thrown down their water-jugs, were flying from me in the greatest alarm. I however went on, but had not proceeded above a quarter of a mile, when my negro pointed out several men peeping from behind some thick bushes, and evidently watching our motions. I desired him to be on his guard, as he carried a carbine loaded with slugs; and we called repeatedly to them without any effect. They

had been alarmed by the women, who had represented us to be Tuaricks, of whom they are constantly in dread, as their country is not more than seven days distant from where these marauders are often seen ; and the extreme points of the Bornou dominions they visit without fear. The inhabitants of these wilds cannot be induced to quit their present homes ; and they patiently submit to have their flocks and children taken from them, and their huts burnt, rather than seek a more secure residence in the larger towns. They have, however, a manner of defending themselves against these cruel invaders, which often enables them to gratify their revenge : the ground is covered by the high grass and jungle close to the banks of the rivers, and they dig very deep circular holes, at the bottom of which are placed six or eight sharp stakes, hardened by the fire, over the top of which they most artfully lay the grass, so as to render it impossible to discover the deception. An animal with its rider stepping on one of these traps is quickly precipitated to the bottom, and not unfrequently both are killed on the spot.

In returning to the tents with the people whom I had alarmed, and who cautioned me not to proceed farther in that direction, I trembled at the recollection of the various escapes I had had, as some of these blaqua, as they are called, were not a yard distant from the marks of my former footsteps.

The country near the banks of the river to the west is ornamented by many very large tamarind

and other trees, bearing a fruit resembling a medlar, green and pleasant to the taste, and many of the *Mimosa* tribe flourished in uncontrolled luxuriance. The Googooroo, or Jujube, abounded ; and these varieties of green gave a life to the landscape that was quite new to us. The wild fruits even were palatable ; and selecting those on which the monkeys were feeding, we devoured them fearlessly and eagerly,—their freshness supplying the want of either flavour or sweetness. The monkeys, or as the Arabs say, “men enchanted,”—“*Ben Adam meshood*,” were so numerous, that I saw upwards of one hundred and fifty assembled in one place in the evening. They did not at all appear inclined to give up their ground, but, perched on the top of the bank some twenty feet high, made a terrible noise ; and rather gently than otherwise, pelted us when we approached to within a certain distance. My negro was extremely anxious to fire at them ; but they were not, I thought, considering their number, sufficiently presuming to deserve such a punishment.

May 25.—About two miles from Lada, we left the river, and halted at noon near a small still water. Here were several flocks of geese, and some of the species of bird called adjutant. These mid-day halts, with only partial shade, were dreadfully sultry and oppressive. We moved on in the afternoon, and passing another lake of the same description, by nine in the evening came to one much larger, called Engataranaram. Nothing could be more wild than the

country we had passed through this day ; and compared with the sterile plains I had lately been accustomed to, seemed rich and picturesque : it was one continued wood, with narrow winding paths, to avoid the overhanging branches of the prickly tulloh. The frequent foot-marks of lions, the jackal, and hyena, gave us a pretty good idea of the nature of the inhabitants ; and their roarings at night convinced us that they were at no great distance.

We had this morning met a kafila from Soudan, consisting of about twenty persons, and bringing one hundred and twenty slaves ; and, some hours after, we came to the place where they had passed the preceding night. They had lit their fires in the very centre of the path, and made a good fence all round them of large branches of trees and dry wood. This fence is sometimes set fire to, when their four-footed visitors are numerous, and approach too near. Camels and animals of every description are placed in the centre, and should one stray in the night, he is seldom again recovered. Kafilas never travel after dusk, particularly those on foot ; and our negroes had such a fright during the latter part of this day's march, that they declared on coming up with the camels, that their lives were in danger from such late marches, an immense lion having crossed the road before them only a few miles from where we halted. There can be little doubt, that by their singing and number they had disturbed the lion

from his lair, as we must have passed within ten paces of the foot of the tree from which he broke forth on their approach : they said that he had stopped, and looked back at them, and if they had not had presence of mind sufficient to pass on without at all noticing him, or appearing alarmed, some one of the party would have suffered.

Previous to pitching our tents at night, the sheikh's negro examined the ground, and, after dismounting and listening attentively for an instant, he declared some people to be near. We fired a gun, which, after a little time, was answered by a shout, and at no great distance we found about half a dozen Kabsharians, who said they were on their way to Kouka, and near them we fixed ourselves for the night. In these woods kafilas from Soudan are often robbed, and the runaway negroes, who are good bowmen, pick off the leaders from behind the trees, and then plunder the baggage : ten men from one kafila had, we were informed, been so murdered during the last year.

May 26.—We pursued a westerly course for eight miles to a lake called Gumzaigee, about a mile in length, between which and another called Gumzaigee-gana, the road lies ; seven miles beyond which is still another lake of considerable extent, called Muggaby, or the lake of the sultan of Bornou : this is nearly three miles long, and full half a mile broad ; its banks are beautifully green, and its depth is very

great; it contains hippopotami in great numbers, and every now and then their black heads appeared above the surface of the water.

A few straggling parties of Kanemboo infantry had occasionally crossed our path, for several days, on their way to join the sheikh, but here we found about a hundred and fifty Shouaas, or Arabs of Beni Wah'l. After our tents were pitched, and we had refreshed ourselves by a mess of ducks and rice, we determined on riding to visit the remains of Old Birnie *, which extended nearly to this lake. We proceeded by the high road to Soudan, and after about two miles came to the spot on which once stood the capital of Bornou; and the ruins of the city certainly tended more strongly to convince us of the power of its former sultans than any of the tales we had heard of their magnificence: we had seen upwards of thirty large towns which the Felatahs had completely razed to the ground at the time they destroyed the capital, and were now arrived at the ruins of that capital itself †. Old Birnie covered a space of five or six square miles, and is said to have had a population of two hundred thousand souls: the remains of the walls were in many places still standing, in large masses of hard red brick-work, and were from three to four feet in thickness, and sixteen to eighteen feet in height. From the top of one of

* Birnie means Medina, the capital, in the Bornou language.

† From these ruins the sheikh procures the greater part of the nitre used in preparing his gunpowder.

these we obtained a sight of the river Gambarou, running nearly east, notwithstanding its windings, and only a few miles distant. At sunset we returned to our huts.

Crossing the head of the lake Muggaby, we took a north-westerly direction, for the purpose of seeing the remaining ruins of this once populous district, and particularly those of a favourite residence of the former sultan, called Gambarou, situated on the banks of the river, four miles distant, which comes from Soudan : this district gave its name to the waters during their passage through it. After wading through low grounds, occasionally overflowed, where the wild grass was above our horses' heads, and disturbing a herd of fourteen elephants, whose retired haunts were seldom so broken in upon, we came to the river, which is here a very noble stream, nearly a quarter of a mile in breadth, and situated between two high banks thickly overgrown with jungle, bushes, and bamboo* : we endeavoured to ascertain if there was any current, but the water appeared perfectly stationary. Omar Gana, however, and the Shouaas who had accompanied us, were unanimous in declaring that after the rains a very strong current from west to east constantly flowed.

We determined on remaining here the next day, and ordered the tents to be pitched under the shade

* There are two species of the bamboo, one called Kayay, and the other Gummary.

of an immense tamarind-tree, about two hundred and fifty yards from the bank of the river. The water was sweet and palatable, and very gratifying to us after the lake water we had been drinking for the last few days, though that was nectar in comparison with the well-water near Kouka. The shoals of fish that rushed quite close to, and sometimes on, the shore, exceeded any thing I ever could have supposed, both as to size and numbers: we waded, nearly up to our knees, to a little island or sand-bank about ten yards from the land, and found the marks of two good-sized crocodiles quite fresh.

Close to the bank, and just at the hollow of a slight curve in the river's course, fourteen years ago stood the town of Gambarou, the chosen place of residence of the late and former sultans of Bornou; and the ruins now standing give a proof of the buildings having been, for this country, of a princely kind: the walls of a mosque, which were more than twenty yards square, are still visible, and those of the sultan's house, with gates opening to the river, still remain; a private mosque appears also to have been attached to the sultan's residence: the buildings were all of brick, and must have had a superior appearance to any town we had seen in Africa; the situation was beautiful, and although labyrinths of thickets and brambles now overspread the banks of the river, while wild plants and useless grass were in the meadows, yet I was assured that the whole neighbourhood of Gambarou was once in a superior

state of cultivation ; and that in the old sultan's time, boats were constantly moving to and from Kabshary and other towns to the west. Kouka was at that time not in being, and Angornou but a small parcel of huts.

May 28.—Dr. Oudney and myself mounted our horses this morning, and followed the course of the river to the eastward, nearly three miles : there being no pathway, we were obliged to break through the high grass, trees, and thickly scattered bamboo, which made it a fatiguing excursion ; and after all, we could only now and then get a sight of the water by following the track of the elephants and other animals, whose ponderous bodies beat down every thing before them. Our negro, Omar Gana, was alarmed, and would willingly have turned back more than once ; we, however, urged him on, and at length came to an open, dry shoal of sand, the bed of the river extending more than two hundred yards ; here was the fresh impression of the foot of a very large lion, and we found that the stream was here again called the Yeou. To Omar Gana's great satisfaction, we now returned by a more direct path through the wood to our tents : these wilds, from tuer not leading to any high road or inhabited spot, are perhaps never visited, the whole country having been abandoned ever since the Felatahs commenced their inroads. Wild animals of all descriptions here abound, therefore, in greater numbers than in any other part of the kingdom of Bornou : several parcels of wood tied up

with osiers, and large trees stripped of their bark and afterwards deserted, showed how the wood-cutter had been disturbed at his work by the ferocious inhabitants ; and some whitened bones, and the remains of a hatchet in one place, made us shudder and conclude, that some one still less fortunate had here met a miserable death. Straggling bands of 'Tuaricks also sometimes scour the country about the banks of the river, and carry off whatever suits their purpose.

On our return to the tents, we found that our situation was by no means so comfortable as we could have wished. Kabshary, to which place we intended proceeding, and there awaiting the arrival of the sheikh, had been attacked and partly burnt by the Munga people since our leaving Kouka, and deserted by the inhabitants ; and while we were debating on what steps we should take in consequence of this intelligence, two Kanemboo spearmen came to us in great consternation, with news that the Munga horse had been reconnoitring all around us, had even visited the part of the river we had been exploring in the morning, and after murdering several Kanemboos, who were proceeding to join the sheikh, had carried off the bullocks and whatever they had with them. The sheikh's delay in coming up had made them bold, and their approach had caused all the Shouaas we had left at Muggaby to beat a retreat ; we were therefore left quite alone, and, as it seemed, might expect every minute to be surrounded, taken pri-

soners, and with an iron round our necks, with which slaves are coupled like greyhounds in slips, marched off to Munga. Omar Gana was greatly alarmed, and dressing himself in his steel jacket, with red *giboon* (waistcoat) over it, and black turban, calmed our fears but little, by leaving us for a full hour to see if the Shouaas had really left Muggaby; notwithstanding he at the same time assured us, that the sight of his red jacket would frighten a hundred Mungowy. On his return, which we looked for with much anxiety, we found the alarming reports in part confirmed; no Shouaas were near the lake, and he was quite sure the enemy had been there. He proposed going to Kabshary, along the banks of the river to the west; but acknowledged that the sheikh was not there, and that the people had moved off towards Angornou: we considered this bad advice, and determined on returning at least to the Kouka road: that was, however, no easy task; and after some consideration it was determined that we were to keep close to the bank of the river, and creep through the woods as well as we could, avoiding all beaten paths. We moved at three in the afternoon, and crossed about two miles distant to the north bank of the river, our road being extremely intricate, and overgrown with trees and underwood.

Just before sunset we came upon a herd of elephants, fourteen or fifteen in number; these the negroes made to dance and frisk like so many goats, by beating violently a brass basin with a stick; and

as night now began to cast over us its gloomy veil, we determined on fixing ourselves until morning in a small open space, where a large tree, destroyed by the attacks of the white ant, had fallen, and afforded us fire-wood to prepare our supper : to seek it at any distance would have been dangerous at that time in the evening, on account of the lions ; and the little grass which was gathered for our horses was furnished by the space within sight of our tents. Our animals were brought as close to us as possible, and we kept up fires the greater part of the night ; a few roaring salutations, and those principally from the elephant and jackal, were the only disturbance that we met with.

We proceeded on our course on the following day, winding with the river ; in several places we had the bank clear of trees and covered with verdure for some hundreds of yards, and the stream nearly as broad as the Thames at Richmond. Towards noon the wood became much thicker, no pathway was to be discovered, and our guide declared, that where we were he had not the least idea. A little further on, we came to a complete stoppage ; brambles were wound round the before thickly-clustered branches of tulloh and prickly acacias ; and on removing, with great difficulty, some of those, we found the treacherous grass underneath merely covering blaquas, large, deep, and well staked, capable of receiving and destroying a Tuarick with his maherhy. In endeavouring to find a passage at a short distance, Dr. Oudney was very

nearly precipitated, horse and all, into one of these graves for the quick. We were absolutely afraid to move ; and Omar Gana, who declared these fortifications indicated our being near to some town, which was thus prepared against the Mungow, desired me to fire a gun, in order to bring some of the inhabitants to serve as our guide ; accordingly two sturdy negroes came to our assistance, who, after cying us through the trees, and ascertaining who we were, conducted us to the village, which, although at no great distance, would have foiled all our efforts to discover : the avenues were completely barricaded on every side, the paths cut up, and these blaquas so scattered in all directions, that even with a guide, and going one by one, it was with the greatest difficulty we avoided them.

Arrived at the village, which was called Wallad, of so miserable a description that it could not even furnish a jar of milk, notwithstanding we produced both needles and beads,—a new difficulty arose ; for although the camels were sought after and brought in safe by the people, yet my servant Columbus, who was behind on a mule, did not make his appearance : we were in considerable anxiety, both on account of the wild beasts and these pits, which were almost equally frightful. Our alarm was a good deal increased when, after having sent people in every direction, giving them pistols, and desiring them to fire signals, and not return without him, the people of the village came running to the jujube tree under

which we were resting, to tell us that Columbus and the mule had fallen into one of these blaquas, and that they believed the mule was dead. We hastened to the spot, and found the poor mule indeed very near it : she was sticking on four stakes, one in her flank, and two in her hind quarter, with her knees dreadfully torn by struggling. Had she been a larger and heavier animal, nothing could have saved her : the man had, by a violent exertion, thrown himself out, how he knew not, almost as soon as he fell in, and had escaped with his leg only bruised. He said he had lost his way hours before, and had climbed to the top of several tamarind-trees, in order to discover traces of our route, without success : once he thought he heard a gun, but having only two charges of powder with him, he kept them as a defence against the wild animals at night, and was afraid to answer the signal.

After all our difficulties, it was some comfort at length to find that the sheikh was within only a few hours' march of us, on the south side of the river ; and in the evening we determined on joining him. Again, therefore, crossing the Yeou at a dry spot, we came to the outskirts of the Bornou camp, on the banks of a large water called Dummasak, about five miles distant from the ford : at the river we again saw the footmarks of a very large lion, and also those of a hippopotamus. It was after sunset when we arrived, and passing through numerous groups of the Kanemboo spearmen, who were lying about with-

out any tents or covering, we came to the open space where the sheikh's tent and the huts of his principal people were fixed. On learning that we had arrived, he desired our tents might be placed near Mady Gana, the manager of his household, who brought us his congratulations, and at the same time a very good supper of Guinea fowl, and a kind of paste, made of wheat flour, called *flat*, which is considered a great delicacy. Our joy can with difficulty be imagined at learning here the arrival of a package from England, by a kafila of merchants from Fezzan. The pleasure of hearing of our country and friends, the greatest enjoyment our situation allowed us, we had been for a length of time deprived of; and this, added to our being entirely destitute of provisions of every kind, determined us to return to Kouka on the following morning. This our decision we desired might be made known to the sheikh, but, from some cause or other, the information was not communicated to him; and, to our great surprise, by daylight he moved off, and we found ourselves again alone without a guide, and without even knowing what the sheikh's wishes were with respect to our proceedings. This was a fresh dilemma; and upon the whole we were worse off than the day before, for the sheikh's negro was always a protection, and we were now at the tail of an undisciplined army, at least demi-savage, without any knowledge of the road. After three hours' deliberation, and no intelligence arriving from the sheikh, we decided on making our

way to Kouka alone ; and having picked up a straggler, who assured us he knew the country, and left our wounded mule in the care of some people in the neighbouring village of huts, we loaded our fire-arms afresh, and commenced our route. We had proceeded, however, but a few hundred yards on our road, when Omar Gana, mounted on a miserable horse and in great distress, came up to us, entreating that we would follow the sheikh as quickly as possible ; that on inquiring of him where we were, and finding that he had quitted us, he, the sheikh, had been in a violent passion ; had struck him from his horse, which he desired might be taken from him ; had directed him to return and bring us up to the army without delay.

We had now nothing to do but to obey ; and, therefore, turning round our camels, after a four hours' march in the heat of the day, we arrived a second time at the lake Muggaby, which we had left only three days before. Some spots on the road were extremely picturesque, by nature ; and this beauty of the scene was increased by the groups of naked warriors, with their shields, resting in different places on the borders of the lake ; while hundreds of others were in the water, spearing the fish, which they struck, and brought to shore with very surprising dexterity : some of the fish were as large as good-sized salmon, but shaped like a bream. Fires were lighted by their companions on the shore, and rows of from fifty to one hundred were staked, or strung

on a line made of grass, extended from two sticks, and most excellently and expeditiously roasted.

Muggaby, with its still dark-blue surface, had, at the time we came on it, an appearance highly interesting: the margin, and the shallow waters, were crowded with horses feeding, and men bathing. In the centre, the hippopotami were constantly throwing up their black muzzles, spouting with water; and the wood, which at the south-west end had caught fire, and blazed to the very clouds, gave a glare to all around which made the scene almost terrific.

We now commenced our march with the Bornou army, in which but little order is preserved previous to coming near the enemy: every one appears to know, that at a certain point the assembly is to take place; and the general instructions seem to be to every one to make the best of his own way. The sheikh takes the lead, and close after him comes the sultan of Bornou, who always attends him on these occasions, although he never fights. The former is preceded by five flags, two green, two striped, and one red, with extracts from the Koran written on them in letters of gold, and attended by about a hundred of his chiefs and favourite slaves. A negro, high in confidence, rides close behind him, bearing his shield, jacket of mail, and wearing his skull-cap of steel; he also bears his arms.

